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ABSTRACT

It is found that recent funding levels in Texas for faculty salaries and the purchase of books and other library materials have been drastically impaired by inflation. As a result, it is suggested that substantial increases in legislative appropriations will be required to prevent higher education from losing further ground. Faculty members have lost 15 percent of their buying power since 1969, in contrast to the experience of other workers in general. Real spending on library materials has declined by 20 percent since 1969. Continuing rises in the inflation rate will do further harm. Inflationary losses have had an unequal effect across the state. For instance, faculty in Houston have lost more purchasing power because of greater rises in inflation rates in that area. The study used the Texas Higher Education Price Index to measure cost changes in comparison with changes in the Consumer Price Index. Extensive data tables and charts illustrate the study's findings, and give figures for each institution in many cases. (MSE)

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LOST IN THE INDEX

A Report to the Coordinating Board, Texas College and University System, on the Effect of Inflation on Public Senior Colleges and Universities in Texas

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Charles R. McKnew, Jr.

March 1, 1980

HE 012 998

FOREWORD

All of us in higher education hear and speak about the effects of inflation on institutions of higher learning. Too often we are dealing with impressions, describing an isolated case, or applying data that fit the rest of the society but not our colleges. Since higher education is "labor intensive" and has great difficulty in "passing through" increased costs of teaching, the plight of our colleges and universities in this time of double-digit inflation is too often overlooked.

For this study I commissioned Dr. Charles R. McKnew, an economist from outside the academic community, in order to be certain that this report to the Coordinating Board would be seen by all as completely unbiased and free of special interest. I asked him to prepare a report on the actual impact, as he could reliably measure it, of inflation on the resources available to the Texas higher education community. Because pertinent data were unavailable for the private sector and the public community college sector, the study was limited to the public senior colleges and universities. However, Dr. McKnew's findings can be applied to the other two sectors of higher education as well.

Unfortunately, the data available on non-faculty salaries were inadequate to permit a reliable evaluation and supportable conclusions. Too many assumptions and extrapolations on too little factual information would have been required. Therefore, this report deals primarily with faculty salaries, travel costs, books, and costs of capital outlays such as equipment and utilities.

We are pleased to share this report with the higher education community and others interested in the financing of Texas colleges and universities.

Kenneth H. Ashworth
Commissioner of Higher Education

INTRODUCTION

Charles R. McKnew, Jr. graduated from the University of San Francisco with a B.S. in economics. Subsequently, as an Earhart Fellow, he earned a Ph.D. in economics at Virginia Polytechnic Institute and State University. In the early 1970's Dr. McKnew served as an Assistant Professor of Economics at California State College, Bakersfield and West Virginia University.

However, most of his career has involved positions in the financial world. For four years Dr. McKnew was a money market economist at Bank of America, authoring a weekly securities market letter for the bank's customers. He also has served as a financial economist for brokerage firms, providing comprehensive analyses of general economic trends and financial market conditions.

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ADDENDUM*

PRICE INDEX FOR FACULTY SALARIES ADJUSTED FOR INFLATION
PROJECTED THROUGH 1980

Period	CPI (% Change): August to August	CPI (% Change): 12-Month Moving Average (1)	Faculty Salaries: Before Inflation: Index	Before Inflation: % Change	After Inflation:(2) Index	After Inflation:(2) % Change
1969	--	--	100.0	--	100.0	--
1970	5.7	5.9	105.4	5.4	99.5	(0.5)
1971	4.4	4.9	110.2	4.6	99.1	(0.4)
1972	3.0	3.4	113.3	2.9	98.6	(0.6)
1973	7.3	4.7	116.5	2.8	96.8	(1.8)
1974	11.0	9.7	121.9	4.7	92.4	(4.6)
1975	8.5	10.7	128.8	5.6	88.2	(4.5)
1976	5.7	6.5	145.5	12.9	93.5	6.0
1977	6.6	6.0	152.1	4.6	92.3	(1.4)
1978	8.0	7.0	159.5	4.9	90.4	(2.0)
1979	11.8	10.0	165.2	3.6	85.2	(5.9)
1980:	--	--	173.6	5.1	--	--
LOW(3)	15.1	14.2	--	--	78.4	(7.9)
HIGH(4)	18.9	15.1	--	--	77.7	(8.7)
Last 11 yrs.	--	--	--	73.6	--	--
LOW(3)	129.7	121.5	--	--	--	(21.6)
HIGH(4)	137.3	123.4	--	--	--	(22.3)

* Revises Table 3-A on page 10 to include projections through 1980 in view of the rapid increases in inflation during late 1979 and early 1980.

NOTES:
(1) Method utilized in "Lost in the Index". Based on September-August fiscal years.

(2) Adjusted for inflation measured by the 12-month moving average of the Consumer Price Index, All Urban Consumers over September-August fiscal years.

(3) Assumes that inflation decelerates to 9.5 percent in August from the 16.8 percent annual rate in March.

(4) Assumes that inflation accelerates to 24 percent in the months immediately ahead and then slows to a 16.7 percent annual rate in August.

OVERVIEW

- Inflation has reduced the value of the higher education dollar by 45 percent in the past decade.
- Texas faculty members lost almost 15 percent of their purchasing power since 1969.
- The decline in faculty purchasing power continues to accelerate. In 1979 the real purchasing power of faculty declined by nearly 6 percent, compared to a decline of 2 percent in 1978 and 1.4 percent in 1977.
- Rapidly rising energy costs have forced colleges and universities to commit a sharply increasing share of appropriations to maintain utility services, resulting in serious reductions in spending on books and other library acquisitions vital to the educational process.

Inflation has exacted a dramatic toll on the funding of higher education in Texas. The value of the higher education dollar in Texas has fallen by approximately 45 percent since 1969.

This study examines the consequences of the rapid escalation of inflation on the expenditures of public senior colleges and universities over the past decade. It clearly underscores the fact that substantial increases in legislative appropriations will be required to prevent higher education from losing further ground.

Funding of faculty salaries constitutes one of the most serious areas affected by inflation: an increase of 17.4 percent is needed just to restore the buying power of faculty members to 1969 levels. Inflationary pressures also have reduced the acquisition of library materials, with real spending on books declining by approximately 20 percent in 1979.

Findings are based on a Texas Higher Education Price Index, a price index developed for this study to measure the impact of inflation on faculty salaries and spending on other goods and services.

The rise in the Texas Higher Education Price Index generally has continued to lag behind increases in the Consumer Price Index for the past decade. The Texas Price Index has risen by 80 percent since 1969, compared to an increase of approximately 94 percent in the CPI. In 1979 the Texas Price Index rose by 5.4 percent while the CPI advanced by 10 percent.

A comparison of the Texas index with the nationwide Higher Education Price Index constructed by D. Kent Halstead further suggests that prices paid by Texas colleges and universities have increased more slowly during every year of the past decade with only two exceptions. Last year the nationwide higher education index increased by 7.8 percent, while the Texas Price Index rose 5.4 percent.

The consequences of the slower rise of the Texas index have been borne in large part by the faculty. Faculty salaries account for approximately 45 percent of total budgets at public colleges and universities in Texas. Over the past 10 years the price index indicates that faculty salaries in Texas increased by only 65 percent. In contrast, the Consumer Price Index advanced by about 94 percent since 1969. As a result, the real purchasing power of faculty employees has declined by 14.8 percent over the past 10 years.

At the same time that increases in faculty salaries were significantly less than increases in consumer prices, enrollments, as measured by full-time student equivalents, climbed by at least 27 percent.

Salaries for non-faculty employees are not evaluated in this report. However, non-faculty salaries account for approximately 29 percent of total budgets at Texas public senior institutions. Salaries of nonprofessional workers are the dominant component of this element. Non-faculty college and university employees have experienced declines in real purchasing power, but due to inadequate data, it is not possible to calculate the magnitude of the losses.

Serious reductions in real spending on books and other library materials also have occurred as a result of inflation, in part because of the increasing share of appropriated funds which are being allocated to utility costs. Expenditures on books, utilities and all other items (other than travel and capital outlays) account for approximately 24 percent of total budgets. The price index for these items has virtually exploded over the past 10 years, rising by approximately 119 percent. Since 1969 the price index for books has increased by nearly 189 percent, with real spending declining about 20 percent in 1979. The price index for utilities expanded by approximately 216 percent during the past decade. Therefore, the two key sources of escalating prices are essential inputs in the educational process.

TEXAS HIGHER EDUCATION PRICE INDEX

The value of the higher education dollar has declined by 45 percent during the past decade. During only one year of the past decade have percent changes in the Texas Higher Education Price Index stayed more than marginally above percent changes in the Consumer Price Index. (See Charts 2-1 and 2-2.)

The Texas Higher Education Price Index has advanced by approximately 80 percent over the past decade, compared to an increase of roughly 94 percent in the Consumer Price Index. As shown in Table 2-A, yearly percent changes in the Texas Price Index slightly exceeded percent changes in the Consumer Price Index in 1971, 1972, and 1977. However, the only substantial rise of the Texas index was during 1976. This unusual development stemmed from significant increases made that year in faculty salaries. Presumably these salary hikes were implemeted to compensate employees for the unusually large gains in consumer prices which had occurred in earlier years. But after 1977 the effect of those gains had been wiped out by the continuing rise of the Consumer Price Index.

TABLE 2-A

TEXAS HIGHER EDUCATION PRICE INDEX
VERSUS CONSUMER PRICE INDEX, NATIONWIDE

Period	Texas Price Index		CPI (1)	
	Index	% Change	Index	% Change
1969	100.0	--	100.0	--
1970	104.9	4.9	105.9	5.9
1971	110.4	5.2	111.1	4.9
1972	114.4	3.6	114.9	3.4
1973	118.0	3.2	120.2	4.6
1974	125.6	6.4	131.9	9.7
1975	136.7	8.8	146.0	10.7
1976	152.1	11.3	155.5	6.5
1977	161.7	6.3	164.8	6.0
1978	171.1	5.8	176.3	7.0
1979	180.3	5.4	193.9	10.0
Last 10 yrs.	--	80.3	--	93.9

Note: (1) Consumer Price Index, All Urban Consumers.
(2) September-August fiscal years.

CHART 2-1

TEXAS HIGHER EDUCATION PRICE
INDEX VERSUS CONSUMER PRICE INDEX

(1969=100)

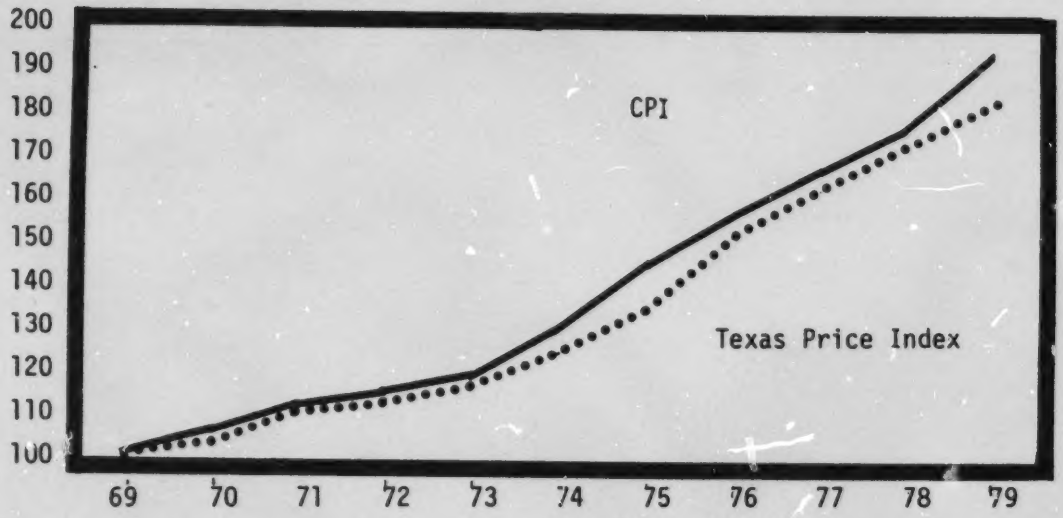
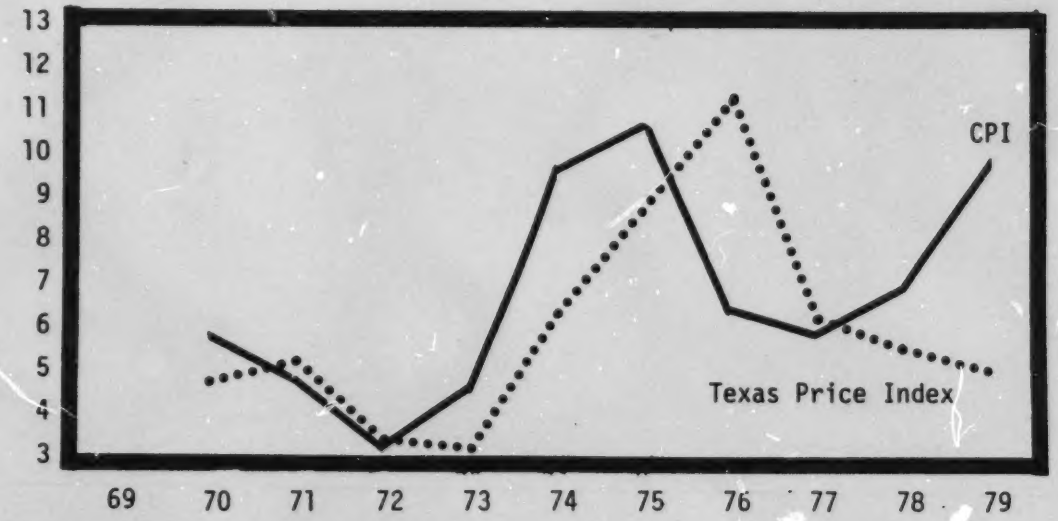


CHART 2-2

TEXAS HIGHER EDUCATION PRICE
INDEX VERSUS CONSUMER PRICE INDEX

(Annual Percent Changes)



With the exception of 1975 and 1976, the Texas Higher Education Price Index has advanced more slowly than the nationwide Higher Education Price Index. This conclusion is reached by comparing the Texas Price Index with the nationwide index constructed by D. Kent Halstead. However, such a comparison is not perfectly valid, given technical differences in the indexes and slightly different definitions of a fiscal year. As shown in Table 2-B, the Texas Price Index rose by 5.4 percent last year, compared to a 7.8 percent increase in the nationwide index. The gap between the Texas Price Index and the nationwide index has progressively grown larger over the past three years. It should be noted, however, that this study excludes fringe benefits which proved to be the most sharply increasing item in the nationwide index during 1979.

TABLE 2-B

TEXAS HIGHER EDUCATION PRICE INDEX
VERSUS NATIONWIDE HIGHER EDUCATION PRICE INDEX (1)

(Annual Percent Changes)

Period	Texas Price Index (2)	Nationwide Price Index (3)
1970	4.9	6.9
1971	5.2	6.3
1972	3.6	5.6
1973	3.2	5.3
1974	6.4	7.1
1975	8.8	8.6
1976	11.3	6.6
1977	6.3	6.5
1978	5.8	6.7
1979	5.4	7.8

Notes: (1) Source: D. Kent Halstead, Higher Education Prices and Price Indexes, U.S. Department of Health, Education and Welfare, Office of Education.
(2) September-August fiscal years.
(3) July-June fiscal years.

An overall price index for total spending by colleges and universities in Texas and subindexes are derived for four key categories of spending: (1) faculty salaries, (2) travel, (3) capital outlays or

equipment, and (4) books, utilities and all other items. As shown in Table 2-C, faculty salaries accounted for roughly 69 percent of the Texas Price Index. Therefore, it follows that increases in faculty salaries tended to have an overwhelming effect on the Texas Higher Education Price Index. On the other hand, changes in the prices of goods and services associated with travel and capital outlays (equipment) tended to have only a slight impact on the overall Texas Price Index. These latter two categories accounted for less than 4 percent of the index. However, books, utilities and all other items represented nearly 28 percent of the index. As a result, changes in the prices of books, utilities and all other items tended to affect the Texas Price Index significantly.

TABLE 2-C

IMPLICIT "IMPORTANCE" OF EXPENDITURE CATEGORIES IN TEXAS HIGHER EDUCATION PRICE INDEX DURING 1979

Category	Share of Total
Faculty Salaries	68.9 %
Travel	1.1
Capital Outlays	2.2
Books, Utilities and All Other Items	27.7
	100.0 %

Price indexes for various categories of spending appear in Table 2-D. A comparison of relative advances in the individual price indexes with the overall index illustrates that faculty salaries have risen at a far slower pace than many of the other categories in the index. Increases in faculty salaries also are substantially below the increase in the overall Texas Price Index.

TABLE 2-D

PRICE INDEXES
FOR PUBLIC HIGHER EDUCATION IN TEXAS

(Percent Change)

Category	1979	Last 10 Years
Faculty Salaries	3.6	65.2
Travel	5.5	78.0
Capital Outlays (Equipment)	6.9	63.8
Books, Utilties and All Other Items	8.1	119.2
Total	5.4	80.3

Note: (1) September-August fiscal years.

The price index for faculty salaries has increased by roughly 65 percent since 1969, compared to an 80 percent gain in the Texas Higher Education Price Index. In 1979 the price index for faculty salaries increased by 3.6 percent, against a 5.4 percent rise in the overall Texas Price Index.

The price index for capital outlays (equipment) has advanced by approximately 64 percent over the past decade, compared to an 80 percent rise in the Texas Price Index. However, a reversal occurred in 1979 inasmuch as the rise in the price index for capital outlays (6.9 percent) exceeded the gain in the overall Texas Price Index (5.4 percent).

The price index for travel has advanced by 78 percent since 1969, compared to an 80 percent rise in the overall Texas Price Index. In 1979 the rise in the price index for travel (5.5 percent) slightly exceeded the gain in the overall Texas Price Index (5.4 percent).

The price index for books, utilities and all other items has increased by roughly 119 percent since 1969, compared to an 80 percent advance in the overall Texas Price Index. In 1979 the price index for books, utilities and all other items rose by 8.1 percent, against a 4.8 percent gain in the overall Texas Price Index.

PRICE INDEX FOR FACULTY SALARIES

Faculty salaries have not kept pace with the level of inflation in the general economy. Real faculty income has declined by almost 15 percent. With the exception of 1976, faculty salaries have not kept pace with the level of consumer price increases during any single year of the past decade.

The price index for faculty salaries reflects changes in the average price paid by colleges and universities for vital professional services. However, this index also represents changes in the average income of faculty employees. While the price index for faculty salaries has increased by approximately 65 percent since 1969, the average price of goods and services purchased by these employees has advanced by roughly 94 percent. Advances in the Consumer Price Index have exceeded increases in the price index for faculty salaries every year in the past decade with the exception of 1976. As shown in Table 3-A, the price index for faculty salaries, after adjustment for such consumer price increases, has declined by approximately 15 percent since 1969. Moreover, the real purchasing power of faculty employees has declined at an accelerating rate since 1977. For example, in 1979 such real purchasing power declined by roughly 6 percent. (See Chart 3-1 and Chart 3-2.)

TABLE 3-A

PRICE INDEX FOR FACULTY
SALARIES ADJUSTED FOR INFLATION

Period	Before Inflation Removed Index	Before Inflation Removed % Change	Inflation(1) % Change	After Inflation Removed Index	After Inflation Removed % Change
1969	100.0	--	--	100.0	--
1970	105.4	5.4	5.9	99.5	(0.5)
1971	110.2	4.6	4.9	99.2	(0.3)
1972	113.3	2.9	3.4	98.6	(0.6)
1973	116.5	2.8	4.6	96.9	(1.7)
1974	121.9	4.7	9.7	92.4	(4.6)
1975	128.8	5.6	10.7	88.2	(4.5)
1976	145.5	12.9	6.5	93.6	6.1
1977	152.1	4.6	6.0	92.3	(1.4)
1978	159.5	4.9	7.0	90.5	(2.0)
1979	165.2	3.6	10.0	85.2	(5.9)
Last 10 yrs.	--	65.2	93.9	--	(14.8)

Note: (1) Consumer Price Index, All Urban Consumers.
(2) September-August fiscal years.

The substantial 14.8 percent decline in real income for faculty employees over the past decade stands in contrast to the experience of all employed workers in the general economy. The level of real wages and salaries of such workers decreased by only 1.6 percent during the past ten years. As shown in Table 3-B, employed workers typically have not experienced yearly declines in real income except during periods of adverse economic conditions such as 1974-1975 as well as 1979. If the average worker nationwide had experienced the persistent declines in real income which have afflicted faculty, the general economy probably would have remained in a perpetual recession throughout the past decade.

ADDENDA

Attached is a revised Table 3-A for "Lost in the Index." This table should provide a better view of where faculty purchasing power stands today.

Inflation has soared to shocking levels during the past two months. Dr. McKnew has revised Table 3-A on page ten to reflect a cautious estimate of inflation for fiscal year 1980. The revised table shows a high and low projection for inflation and the cumulative decline in faculty purchasing power since 1969. The low projection is based on the present CPI of 16.8 percent decelerating to 9.5 percent in August. The high projection is based on the CPI increasing to 24 percent then slowing to 16.7 percent in August.

The bottom line is essentially the same, irrespective of the scenario that materializes: (1) faculty purchasing power is falling at an accelerating rate, roughly 8 percent to 9 percent, for the fourth consecutive year, and (2) the cumulative decline in faculty purchasing power since 1969 has expanded to approximately 22 percent.

April 17, 1980

PRICE INDEX FOR FACULTY SALARIES ADJUSTED FOR INFLATION

Period	CPI (% Change): August to August	CPI (% Change): 12-Month Moving Average (1)	Faculty Salaries: Before Inflation: Index	Faculty Salaries: Before Inflation: % Change	Faculty Salaries: After Inflation: (2) Index	Faculty Salaries: After Inflation: (2) % Change
1969	--	--	100.0	--	100.0	--
1970	5.7	5.9	105.4	5.4	99.5	(0.5)
1971	4.4	4.9	110.2	4.6	99.1	(0.4)
1972	3.0	3.4	113.3	2.9	98.6	(0.6)
1973	7.3	4.7	116.5	2.8	96.8	(1.8)
1974	11.0	9.7	121.9	4.7	92.4	(4.6)
1975	8.5	10.7	128.8	5.6	88.2	(4.5)
1976	5.7	6.5	145.5	12.9	93.5	6.0
1977	6.6	6.0	152.1	4.6	92.3	(1.4)
1978	8.0	7.0	159.5	4.9	90.4	(2.0)
1979	11.8	10.0	165.2	3.6	85.2	(5.9)
1980:	--	--	173.6	5.1	--	--
Low(3)	15.1	14.2	--	--	78.4	(7.9)
High(4)	18.9	15.1	--	--	77.7	(8.7)
Last 11 yrs.	--	--	--	73.6	--	--
Low(3)	129.7	121.5	--	--	--	(21.6)
High(4)	137.3	123.4	--	--	--	(22.3)

NOTES:

(1) Method utilized in "Lost in the Index". Based on September-August fiscal years.

(2) Adjusted for inflation measured by the 12-month moving average of the Consumer Price Index, All Urban Consumers over September-August fiscal years.

(3) Assumes that inflation decelerates to 9.5 percent in August from the 16.8 percent annual rate in March.

(4) Assumes that inflation accelerates to 24 percent in the months immediately ahead and then slows to a 16.7 percent annual rate in August.

CHART 3-1

REAL PURCHASING POWER OF FACULTY SALARIES

(1969 = 100)

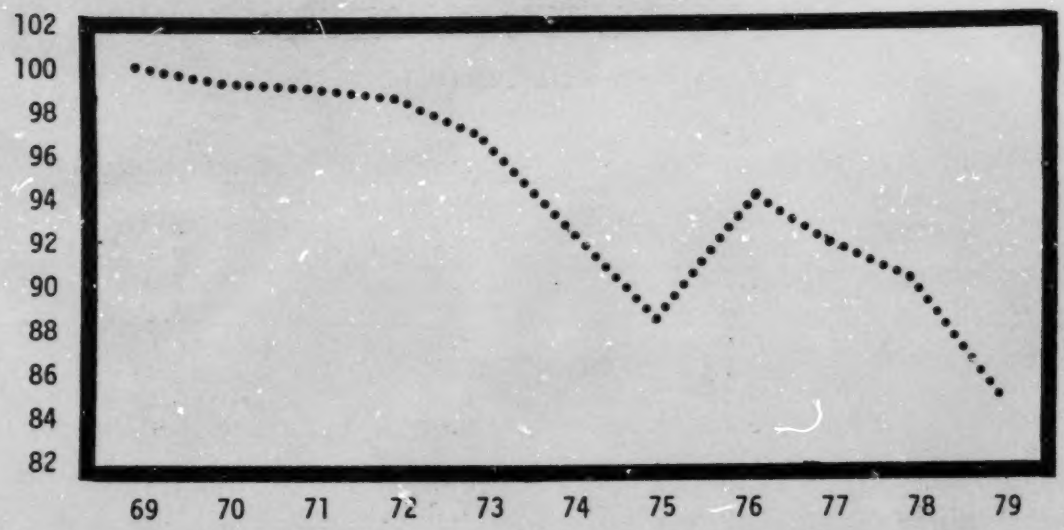


CHART 3-2

REAL PURCHASING POWER OF FACULTY SALARIES

(Annual Percent Changes)

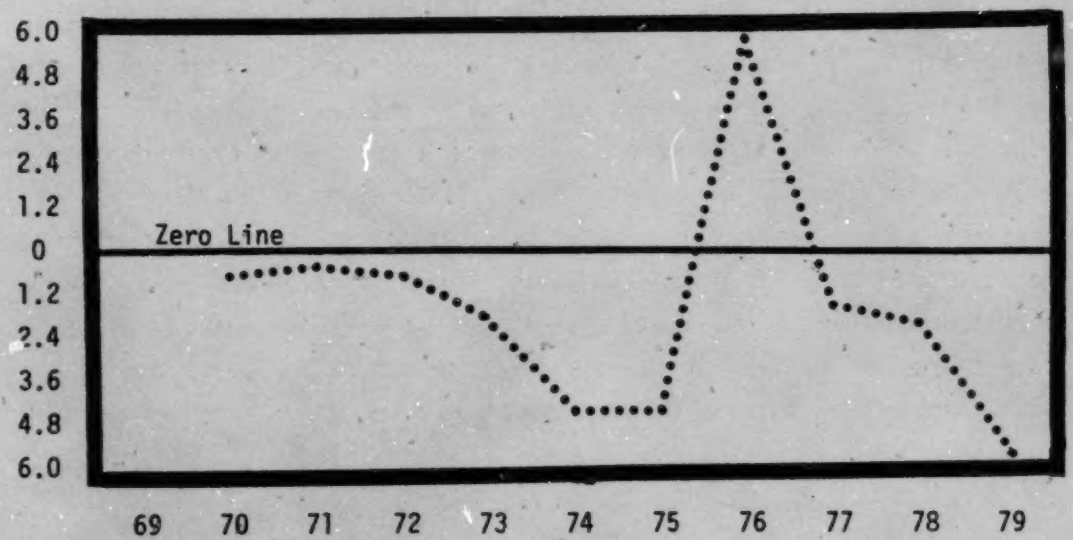


TABLE 3-B

NATIONWIDE AVERAGE OF WAGES AND SALARIES PER EMPLOYEE ADJUSTED FOR INFLATION (1)

(Percent Changes)

Period	Before Inflation Removed	Inflation(1)	After Inflation Removed
1970	6.0	5.9	0
1971	5.0	4.9	0
1972	5.5	3.4	2.0
1973	7.0	4.6	2.2
1974	6.8	9.7	(2.6)
1975	7.2	10.7	(3.1)
1976	7.0	6.5	0.5
1977	6.8	6.0	0.8
1978	7.0	7.0	0
1979	8.5	10.0	(1.4)
Last 10 yrs.	90.8	93.9	(1.6)

Note: (1) Sources: Department of Labor and Department of Commerce.
(2) September-August fiscal years.

The decline in real purchasing power during the past two years has been roughly 1 percent greater than the statewide average for faculty at: (1) East Texas State University, (2) Pan American University, (3) Stephen F. Austin University, (4) Tarleton State University, (5) Texas Woman's University and (6) the University of Houston. (See the adjusted price indexes presented in Reference Table 9.) The University of Houston is a special case inasmuch as the Consumer Price Index for Houston has continued to accelerate more rapidly than the nationwide Consumer Price Index since 1977. As a result, the purchasing power associated with a dollar earned by a faculty member in Houston is less than the purchasing power associated with a dollar earned by a faculty member at some other location.

PRICE INDEXES FOR GOODS AND SERVICES

The prices paid for books, utilities and all other general expense items have dramatically exceeded the level of overall inflation in the economy. This has resulted in budget reallocations to maintain a base level of utility services, as well as sharp reductions in the quantity of library materials purchased.

The price index for books, utilities and all other items virtually exploded over the past 10 years, rising by roughly 119 percent. For books alone, the price index was up by nearly 189 percent. The price index for utilities expanded by approximately 216 percent. Therefore, the two key sources of escalating prices also happen to be vital factors in the educational process.

In 1979 goods and services other than employee salaries represented approximately 26 percent of spending at the sampled public colleges and universities. The key expenditure category was books, utilities and other items except for travel and capital outlays. Because utility costs are an uncontrolled item, they are forcing shifts in higher education appropriations priorities. Spending on travel and capital outlays accounted for only 2.2 percent of total spending.

The price indexes for books, utilities and all other items represent slight modifications of indexes developed by Halstead in his study Higher Education Prices and Price Indexes. Table 4-A illustrates the impact of inflation on those items. The 1979 increases of 10.4 percent for books and 9.7 percent for utilities are "moderate" compared to certain earlier advances.

TABLE 4-A

PRICE INDEXES FOR BOOKS, UTILITIES AND ALL OTHER ITEMS

(Percent Changes)

Period	Books	Utilities	All Other Items	Books, Utilities All Other Items &
1970	10.2	2.1	3.5	4.0
1971	19.9	10.5	4.4	7.5
1972	13.1	6.8	4.7	6.3
1973	8.1	5.4	4.2	5.0
1974	10.3	22.7	7.7	11.2
1975	12.4	28.2	13.2	16.3
1976	14.7	8.0	5.6	7.5
1977	6.3	17.8	5.6	8.7
1978	7.0	13.3	5.3	7.7
1979	10.4	9.7	6.8	8.1
Last 10 yrs.	188.6	215.7	79.9	119.2

Note: (1) July-June fiscal year.
(2) Source: D. Kent Halstead, Higher Education Prices and Price Indexes, U.S. Department of Health, Education and Welfare, Office of Education.

The effect of such rapid increases in book prices has been to trigger reduced spending on books after the effect of inflation is removed. Real spending on books declined by approximately 6 percent in 1978 and then by roughly 20 percent in 1979. (See Reference Table 33.) Therefore, library acquisitions, vital to the process of education have been threatened by inflationary pressures. (See Chart 4-1.)

Spending on travel and capital outlays represented less than 3 percent of spending in 1979. As shown in Table 4-B, advances in the price indexes for travel and capital outlays over the past decade have been less than the 80 percent rise in the Texas Higher Education Price Index. However, the 5.5 percent rise in the price index for travel in 1979 and the corresponding 6.9 percent advance in the index for capital outlays exceeded the 5.4 percent expansion in the Texas Price Index. Spending on travel, after the effect of inflation is removed, declined by 8.8 percent in 1979, the largest yearly decline in the past decade. (See Reference Table 20.) Additionally, real capital

outlays declined by 34 percent last year, the third consecutive yearly reduction. (See Reference Table 25 and Chart 4-2.)

TABLE 4-B

PRICE INDEXES FOR TRAVEL AND CAPITAL OUTLAYS

(Percent Changes)

Period	Travel	Capital Outlays
1970	8.8	3.1
1971	8.1	3.1
1972	4.5	1.8
1973	2.8	1.9
1974	4.1	5.9
1975	5.3	14.4
1976	9.9	4.5
1977	5.5	3.7
1978	5.2	5.8
1979	5.5	6.9
Last 10 yrs.	78.0	63.8

Note: (1) September-August fiscal year.

CHART 4-1

SPENDING ON BOOKS

(Millions of Dollars)

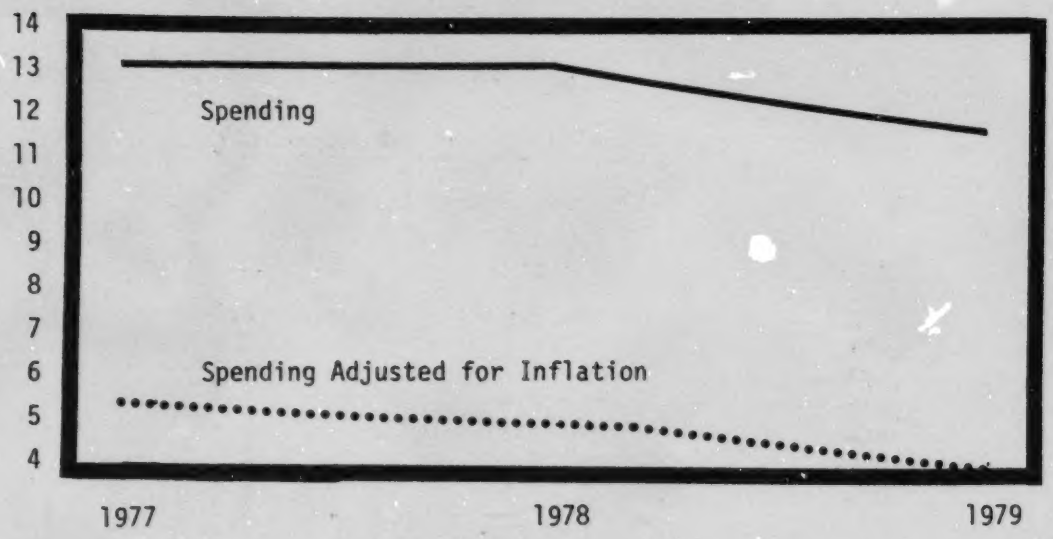


CHART 4-2

CAPITAL OUTLAYS

(Millions of Dollars)

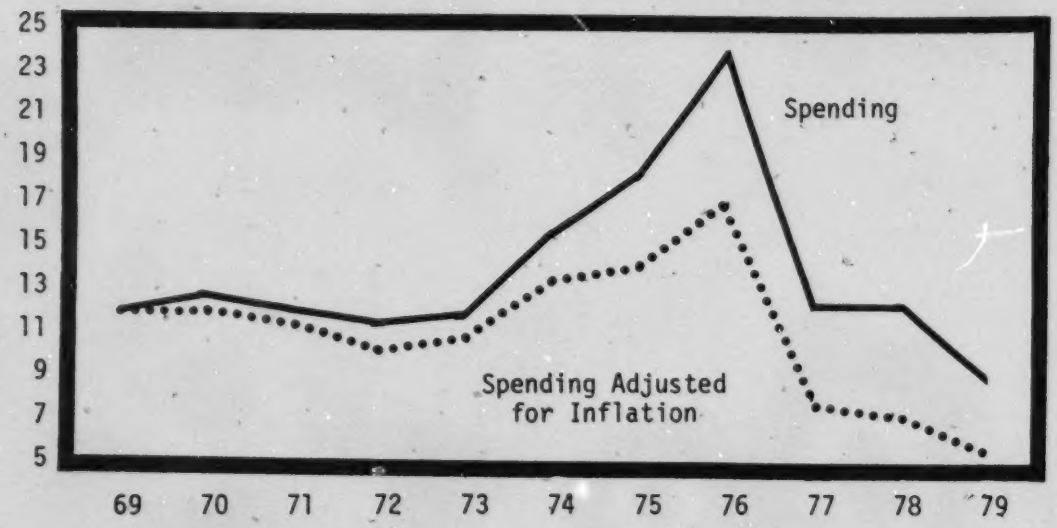


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TABLE 1. OVERVIEW: THE PRICE INDEX FOR PUBLIC HIGHER EDUCATION IN TEXAS

(1969 = 100)

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	19798
Grand Total, All Categories	100.0	104.9	110.4	114.4	118.0	125.6	136.7	152.1	161.7	171.1	180.3
% Change	(X)	4.9	5.2	3.6	3.2	6.4	8.8	11.3	6.3	5.8	5.4
Faculty Salaries	100.0	105.4	110.2	113.3	116.5	121.9	128.8	145.5	152.1	159.5	165.2
% Change	(X)	5.4	4.6	2.9	2.8	4.7	5.6	12.9	4.6	4.9	3.6
Travel	100.0	108.8	117.6	122.9	126.4	131.6	138.5	152.1	160.5	168.8	178.0
% Change	(X)	8.8	8.1	4.5	2.9	4.1	5.2	9.8	5.5	5.2	5.5
Capital Outlays	100.0	103.1	106.3	108.3	110.3	116.8	133.6	139.6	144.9	153.2	163.8
% Change	(X)	3.1	3.1	1.9	1.9	5.9	14.4	4.5	3.8	5.7	6.9
Books, Utilities & All Other Items	100.0	104.0	111.8	118.8	124.7	138.6	161.2	173.3	188.3	202.7	219.2
% Change	(X)	4.0	7.5	6.3	5.0	11.2	16.3	7.5	8.7	7.7	8.1

TABLE 2. SPENDING ON FACULTY SALARIES IN CURRENT DOLLARS

(Thousands of Dollars)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	19798
Angelo St. U.	1,273	1,492	1,837	2,036	2,007	2,225	2,623	2,944	3,227	3,689	3,964
East Texas St. U.	4,872	5,542	5,958	6,490	6,792	7,792	7,926	8,314	9,058	9,296	9,795
Lamar U.	4,466	4,919	5,373	5,450	5,660	6,028	6,860	8,359	8,455	9,512	19,189
Midwestern St. U.	1,469	1,632	1,832	1,993	2,092	2,091	2,314	2,555	2,744	3,036	3,342
North Texas St. U.	8,902	9,752	11,011	11,111	11,603	12,172	14,233	14,894	15,990	17,489	19,347
Pan American U.	1,726	2,029	2,387	2,878	3,321	3,873	5,005	5,130	5,975	6,151	6,316
Sam Houston St. U.	4,004	4,507	5,070	5,490	5,984	6,197	7,025	7,605	7,901	8,136	8,488
Southwest Texas St. U.	3,802	4,358	5,047	5,534	5,845	6,773	7,894	9,061	9,980	10,746	11,746
Stephen F. Austin St. U.	4,083	4,594	5,009	5,565	5,725	6,092	6,824	7,939	8,328	8,858	9,370
Sul Ross St. U.	969	1,075	1,378	1,496	1,569	1,537	1,693	2,039	2,137	1,940	2,021
Prairie View A & M U.	2,213	2,577	2,690	2,755	2,841	3,027	3,622	3,981	4,339	4,248	4,934
Tarleton St. U.	1,108	1,331	1,453	1,596	1,661	1,707	1,951	2,100	2,337	2,473	2,589
Texas A & M U.	11,166	12,762	14,321	15,415	15,791	18,179	21,022	25,396	29,184	33,897	38,116
Texas Southern U.	2,262	2,389	2,630	3,209	3,235	4,130	4,894	5,858	6,309	7,888	8,096
Texas Tech U.	10,851	11,867	12,923	13,387	14,138	15,517	17,358	18,597	19,799	20,590	21,739
Texas Woman's U.	3,235	3,788	4,171	4,482	4,861	5,719	7,161	8,521	9,231	10,540	11,628
The U. of Texas:											
Arlington	5,216	5,778	6,713	7,121	7,288	8,153	9,195	10,856	12,153	13,902	14,875
Austin	22,215	24,512	27,205	28,919	29,832	32,579	36,994	41,146	44,462	46,487	48,089
El Paso	4,229	5,018	5,725	6,159	6,289	6,254	6,688	7,629	8,620	10,201	11,563
U. of Houston	10,846	12,546	13,923	14,670	15,316	16,671	18,713	22,546	25,240	26,605	27,880
Texas A & I U.	2,828	3,303	3,903	4,405	4,635	4,657	4,662	5,182	5,393	5,403	5,640
West Texas St. U.	2,802	3,191	3,838	3,837	3,928	3,967	3,980	4,529	5,004	4,970	5,297
Total	114,537	128,962	144,367	153,466	160,111	174,340	198,637	225,181	245,866	266,051	285,024

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 3. PERCENT CHANGE IN SPENDING ON FACULTY SALARIES IN CURRENT DOLLARS

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	17.2	23.1	10.8	(1.4)	10.9	17.9	12.2	9.6	14.3	7.5
East Texas St. U.	13.8	7.0	0.5	8.9	4.7	16.7	4.9	9.0	2.6	5.4
Lamar U.	10.1	9.2	1.4	3.9	6.5	13.8	21.9	1.2	12.5	7.1
Midwestern St. U.	11.1	12.3	8.8	5.0	(0.1)	10.7	10.4	7.4	10.6	10.1
North Texas St. U.	9.6	12.9	0.9	4.4	4.9	16.9	4.6	7.4	9.4	10.6
Pan American U.	17.6	17.6	20.6	15.4	16.6	29.2	2.5	16.5	3.0	2.7
Sam Houston St. U.	12.6	12.5	8.3	9.0	3.6	13.4	8.3	3.9	3.0	4.3
Southwest Texas St. U.	14.6	15.8	9.7	5.6	15.9	16.6	14.8	10.1	7.6	9.4
Stephen F. Austin St. U.	12.5	9.0	11.1	2.9	6.4	12.0	16.3	4.9	6.4	5.8
Sul Ross St. U.	10.9	28.2	8.6	4.9	(2.0)	10.2	20.4	4.8	(9.2)	4.2
Prairie View A & M U.	16.5	4.4	2.4	3.1	6.6	19.7	9.9	9.0	(2.1)	16.2
Tarleton St. U.	20.1	9.2	9.8	4.1	2.8	14.3	7.6	11.3	5.8	4.7
Texas A & M U.	14.3	12.2	7.6	2.4	15.1	15.6	20.8	14.9	16.2	12.5
Texas Southern U.	5.6	10.1	22.0	0.8	27.7	18.5	19.7	7.7	25.0	2.6
Texas Tech U.	9.4	8.9	3.6	5.6	9.8	11.9	7.1	6.5	4.0	5.6
Texas Woman's U.	17.1	10.1	7.5	8.5	17.7	25.2	19.0	8.3	14.2	10.3
The U. of Texas:										
Arlington	10.8	16.2	6.1	2.4	11.9	12.8	18.1	12.0	14.4	7.0
Austin	10.3	11.0	6.3	3.2	9.2	13.6	11.2	8.1	4.6	3.5
El Paso	18.7	14.1	7.6	2.1	(0.6)	6.9	14.1	13.0	18.3	13.4
U. of Houston	15.7	11.0	5.4	4.4	8.9	12.3	20.5	12.0	5.4	4.8
Texas A & I U.	16.8	18.2	12.9	5.2	0.5	0.1	11.2	4.1	0.2	4.4
West Texas St. U.	13.9	20.3	0	2.4	1.0	0.3	13.8	10.5	(0.7)	6.6
Total	12.6	12.0	6.3	4.3	8.9	13.9	13.4	9.2	8.2	7.1

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 4. SPENDING ON FACULTY SALARIES IN CONSTANT DOLLARS

(Thousands of Dollars)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	1,273	1,408	1,674	1,798	1,674	1,850	2,065	2,006	2,077	2,258	2,333
East Texas St. U.	4,872	5,179	5,353	5,417	5,724	5,733	6,258	5,677	5,869	5,811	6,008
Lamar U.	4,466	4,759	4,897	4,823	4,956	5,097	5,476	5,672	5,492	5,947	6,054
Midwestern St. U.	1,469	1,547	1,63	1,729	1,787	1,766	1,871	1,813	1,827	1,879	1,934
North Texas St. U.	8,902	9,501	10,2	10,211	10,055	10,229	11,318	10,448	10,838	11,122	11,806
Pan American U.	1,726	1,859	2,156	2,605	2,906	3,069	3,765	3,334	3,630	3,626	3,679
Sam Houston St. U.	4,004	4,354	4,715	4,960	5,098	5,076	5,440	5,134	4,989	5,050	4,989
Southwest Texas St. U.	3,802	4,197	4,567	4,823	5,005	5,375	5,892	6,007	6,295	6,500	6,877
Stephen F. Austin St. U.	4,083	4,299	4,577	4,842	4,909	4,976	5,070	5,130	5,217	5,360	5,530
Sul Ross St. U.	969	1,047	1,300	1,347	1,387	1,309	1,366	1,321	1,254	1,118	1,101
Prairie View A & M U.	2,213	2,463	2,502	2,151	2,206	2,224	2,537	2,545	2,745	2,255	2,570
Tarleton St. U.	1,108	1,224	1,273	1,374	1,420	1,389	1,493	1,432	1,497	1,528	1,571
Texas A & M U.	11,166	12,212	12,993	13,299	13,269	14,630	16,040	17,409	19,211	20,968	22,961
Texas Southern U.	2,262	2,234	2,323	2,708	2,690	3,251	3,646	3,899	4,010	4,762	4,598
Texas Tech U.	10,851	11,260	11,907	12,006	12,445	12,737	13,590	13,241	13,459	13,326	13,748
Texas Woman's U.	3,235	3,518	3,669	3,774	3,959	4,400	5,128	5,475	5,735	6,550	7,203
The U. of Texas:											
Arlington	5,216	5,568	6,133	6,353	6,452	6,876	7,379	7,709	8,254	8,728	9,008
Austin	22,215	23,118	24,700	25,874	26,187	27,544	29,853	29,384	30,564	30,870	30,896
El Paso	4,229	4,712	4,993	5,271	5,177	4,965	5,092	5,101	5,566	6,058	6,269
U. of Houston	10,846	11,862	12,570	12,918	13,067	13,676	14,499	15,722	16,651	16,704	16,859
Texas A & I U.	2,828	3,101	3,448	3,740	3,774	3,647	3,397	3,320	3,300	3,327	3,361
West Texas St. U.	2,802	2,979	3,394	3,381	3,244	3,141	3,019	3,016	3,117	3,035	3,127
Total	114,537	122,403	131,052	135,404	137,391	142,961	154,194	154,791	161,601	166,782	172,482

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 5. PERCENT CHANGE IN SPENDING ON FACULTY SALARIES IN CONSTANT DOLLARS

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	10.6	18.9	7.4	(6.9)	10.5	11.6	(2.9)	3.6	8.7	3.3
East Texas St. U.	6.3	3.4	1.2	5.7	0.2	9.2	(9.3)	3.4	(1.0)	3.4
Lamar U.	6.6	2.9	(1.5)	2.8	2.9	7.4	3.6	(3.2)	8.3	1.8
Midwestern St. U.	5.3	5.5	5.9	3.3	(1.1)	5.9	(3.1)	0.8	2.9	2.9
North Texas St. U.	6.7	8.2	(0.6)	(1.5)	1.7	10.7	(7.7)	3.7	2.6	6.2
Pan American U.	7.7	16.0	20.9	11.5	5.6	22.7	(11.5)	8.9	(0.1)	1.5
Sam Houston St. U.	8.8	8.3	5.2	2.8	(0.4)	7.2	(5.6)	(2.8)	1.2	(1.2)
Southwest Texas St. U.	10.4	8.8	5.6	3.8	7.4	9.6	2.0	4.8	3.3	5.8
Stephen F. Austin St. U.	5.3	6.5	5.8	1.4	1.4	1.9	1.2	1.7	2.7	3.2
Sul Ross St. U.	8.1	24.1	3.6	3.0	(5.7)	4.4	(3.3)	(5.0)	(10.9)	(1.5)
Prairie View A & M U.	11.3	1.6	(14.0)	2.6	0.8	14.1	0.3	7.9	(17.9)	14.0
Tarleton St. U.	10.5	4.0	7.9	3.4	(2.2)	7.5	(4.1)	4.6	2.1	2.8
Texas A & M U.	9.4	6.4	2.4	(0.2)	10.3	9.6	8.5	10.4	9.1	9.5
Texas Southern U.	(1.2)	4.0	16.6	(0.7)	20.9	12.1	6.9	2.9	18.8	(3.5)
Texas Tech U.	3.8	5.8	0.8	3.7	2.3	6.7	(2.6)	1.6	(1.0)	3.2
Texas Woman's U.	8.7	4.3	2.9	4.9	11.2	16.5	6.8	4.8	14.2	10.0
The U. of Texas:										
Arlington	6.8	10.2	3.6	1.6	6.6	7.3	4.5	7.1	5.7	3.2
Austin	4.1	6.8	4.8	1.2	5.2	8.4	(1.6)	4.0	1.0	0.1
El Paso	11.4	6.0	5.6	(1.8)	(4.1)	2.6	0.2	9.1	8.9	3.5
U. of Houston	9.4	6.0	2.8	1.2	4.7	6.0	8.4	5.9	0.3	0.9
Texas A & I U.	9.7	11.2	8.5	0.9	(3.4)	(6.9)	(2.3)	(0.6)	0.8	1.0
West Texas St. U.	6.3	13.9	(0.4)	(4.1)	(3.2)	(3.9)	(0.1)	3.4	(2.6)	3.1
Total	6.9	7.1	3.3	1.5	4.1	7.9	0.4	4.4	3.2	3.4

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 6. PRICE INDEX FOR FACULTY SALARIES

(1969=100)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	100.00	105.99	109.73	113.24	119.87	120.29	127.03	146.77	155.34	163.38	169.93
East Texas St. U.	100.00	107.01	110.74	109.98	113.38	118.47	126.65	146.46	154.34	159.97	163.02
Lamar U.	100.00	103.37	109.73	113.00	114.21	118.26	125.28	147.38	153.94	159.94	168.31
Midwestern St. U.	100.00	105.50	112.22	115.26	117.08	118.37	123.71	140.93	150.19	161.54	172.82
North Texas St. U.	100.00	102.64	107.16	108.81	115.40	118.99	125.75	142.56	147.53	157.25	163.88
Pan American U.	100.00	109.14	110.72	110.46	114.27	126.18	132.93	153.88	164.58	169.65	171.67
Sam Houston St. U.	100.00	103.51	107.54	110.69	117.37	122.09	129.14	148.12	158.37	161.11	170.13
Southwest Texas St. U.	100.00	103.84	110.52	114.75	116.78	126.00	133.98	150.85	158.53	165.24	170.81
Stephen F. Austin St. U.	100.00	106.85	109.43	114.94	116.63	122.42	134.60	154.76	159.62	165.27	169.44
Sul Ross St. U.	100.00	102.65	106.01	111.08	113.09	117.46	123.92	154.37	170.39	173.58	183.55
Prairie View A & M U.	100.00	104.61	107.52	128.09	128.78	136.10	142.77	156.43	158.06	188.38	192.78
Tarleton St. U.	100.00	108.72	114.14	116.19	116.96	122.91	130.64	146.66	156.09	161.83	164.76
Texas A & M U.	100.00	104.50	110.22	115.91	119.01	124.26	131.06	145.88	151.91	161.66	166.00
Texas Southern U.	100.00	106.92	113.23	118.52	120.28	127.02	134.24	150.26	157.32	165.63	176.08
Texas Tech U.	100.00	105.39	108.53	111.50	113.60	121.83	127.73	140.45	147.11	154.51	158.12
Texas Woman's U.	100.00	107.68	113.69	118.75	122.79	129.97	139.65	155.64	160.95	160.92	161.44
The U. of Texas:											
Arlington	100.00	103.77	109.45	112.09	112.95	118.58	124.61	140.83	147.23	159.28	165.13
Austin	100.00	106.03	110.14	111.77	113.92	118.28	123.92	140.03	145.47	150.59	155.65
El Paso	100.00	106.49	114.66	116.85	121.48	125.97	131.35	149.57	154.87	168.38	184.46
U. of Houston	100.00	105.77	110.76	113.56	117.21	121.90	129.06	143.40	151.58	159.27	165.37
Texas A & I U.	100.00	106.50	113.20	117.78	122.81	127.69	137.22	156.08	163.43	162.41	167.80
West Texas St. U.	100.00	107.11	113.07	113.48	121.09	126.29	131.82	150.18	160.55	163.76	169.37

Notes:
(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 7. PERCENT CHANGE IN PRICE INDEX FOR FACULTY SALARIES

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	6.0	3.5	3.2	5.9	0.4	5.6	15.5	5.8	5.2	4.0
East Texas St. U.	7.0	3.5	(0.7)	3.1	4.5	6.9	15.6	5.4	3.7	1.9
Lamar U.	3.4	6.2	3.0	1.1	3.6	5.9	17.6	4.5	3.9	5.2
Midwestern St. U.	5.5	6.4	2.7	1.6	1.1	4.5	13.9	6.6	7.6	7.0
North Texas St. U.	2.6	4.4	1.5	6.1	3.1	5.7	13.4	3.5	6.6	4.2
Pan American U.	9.1	1.5	(0.2)	3.5	10.4	5.4	15.8	7.0	3.1	1.2
Sam Houston St. U.	3.5	3.9	2.9	6.0	4.0	5.8	14.7	6.9	1.7	5.6
Southwest Texas St. U.	3.8	6.4	3.8	1.8	7.9	6.3	12.6	5.1	4.2	3.4
Stephen F. Austin St. U.	6.9	2.4	5.0	1.5	5.0	10.0	15.0	3.1	3.5	2.5
Sul Ross St. U.	2.7	3.3	4.8	1.8	3.9	5.5	24.6	10.4	1.9	5.7
Prairie View A & M U.	4.6	2.8	19.1	0.5	5.7	4.9	9.6	1.0	19.2	2.3
Tarleton St. U.	8.7	5.0	1.8	0.7	5.1	6.3	12.3	6.4	3.7	1.8
Texas A & M U.	4.5	5.5	5.2	2.7	4.4	5.5	11.3	4.1	6.4	2.7
Texas Southern U.	6.9	5.9	4.7	1.5	5.6	5.7	11.9	4.7	5.3	6.3
Texas Tech U.	5.4	3.0	2.7	1.9	7.2	4.8	10.0	4.7	5.0	2.3
Texas Woman's U.	7.7	5.6	4.5	3.4	5.9	7.5	11.5	3.4	0	0.3
The U. of Texas:										
Arlington	3.8	5.5	2.4	0.8	5.0	5.1	13.0	4.5	8.2	3.7
Austin	6.0	3.9	1.5	1.9	3.8	4.8	13.0	3.9	3.5	3.4
El Paso	6.5	7.7	1.9	3.9	3.7	4.3	13.9	3.5	8.7	9.6
U. of Houston	5.8	4.7	2.5	3.2	4.0	5.9	11.1	5.7	5.1	3.8
Texas A & I U.	6.5	6.3	4.1	4.3	4.0	7.5	13.7	4.7	(0.6)	3.3
West Texas St. U.	7.1	5.6	0.4	6.7	4.3	4.4	13.9	6.9	2.0	3.4

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 8. THE CONSUMER PRICE INDEX

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
All Urban Consumers (Nationwide)	100.0	105.9	111.1	114.9	120.2	131.9	146.0	155.5	164.8	176.3	193.9
% Change	(X)	5.9	4.9	3.4	4.6	9.7	10.7	6.5	6.0	7.0	10.0
Houston	100.0	106.1	110.0	114.1	118.7	130.4	147.6	159.3	171.6	186.3	209.2
% Change	(X)	6.1	3.7	3.7	4.0	9.9	13.2	7.9	7.8	8.5	12.3
Dallas - Fort Worth	100.0	106.7	110.1	113.4	118.3	129.3	142.0	151.1	162.0	173.8	191.8
% Change	(X)	6.7	3.3	3.0	4.3	9.4	9.8	6.4	7.2	7.3	10.4

Notes:

(1) Reference base: 1969=100.
(2) Averages over September 1 - August 31 fiscal years.

TABLE 9. PERCENT CHANGE IN PRICE INDEX FOR FACULTY SALARIES DEFLATED BY CONSUMER PRICE INDEX

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	0.1	(1.3)	(0.2)	1.2	(8.6)	(4.6)	8.5	(0.1)	(1.7)	(5.4)
East Texas St. U.	1.1	(1.4)	(4.0)	(1.5)	(4.8)	(3.4)	8.6	(0.6)	(3.1)	(7.3)
Lamar U.	(2.4)	1.2	(0.4)	(3.4)	(5.6)	(4.3)	10.5	(1.4)	(2.9)	(4.3)
Midwestern St. U.	(0.4)	1.4	(0.7)	(2.9)	(7.9)	(5.6)	7.0	0.6	0.5	(2.7)
North Texas St. U.	(3.1)	(0.5)	(1.8)	1.4	(6.0)	(4.5)	6.4	(2.4)	(0.4)	(5.2)
Pan American U.	3.1	(3.3)	(3.5)	(1.1)	0.6	(4.8)	8.7	0.9	(3.6)	(8.0)
Sam Houston St. U.	(2.3)	(1.0)	(0.5)	1.4	(5.2)	(4.4)	7.7	0.9	(4.9)	(4.0)
Southwest Texas St. U.	(2.0)	(1.5)	0.4	(2.7)	(1.7)	(3.9)	5.7	(0.8)	(2.6)	(6.0)
Stephen F. Austin St. U.	0.9	(2.4)	1.6	(3.0)	(4.4)	(0.7)	8.0	(2.7)	(3.2)	(6.8)
Sul Ross St. U.	(3.1)	(1.6)	1.3	(2.7)	(5.4)	(4.7)	16.9	4.2	(4.8)	(3.9)
Prairie View A & M U.	(1.2)	(2.0)	15.2	(3.9)	(3.7)	(5.2)	2.9	(4.7)	11.4	(7.3)
Tarleton St. U.	2.7	0.1	(1.6)	(3.8)	(4.2)	(4.0)	5.4	0.4	(3.1)	(7.4)
Texas A & M U.	(1.3)	0.5	1.7	(1.9)	(4.9)	(4.7)	4.5	(1.7)	(0.5)	(6.6)
Texas Southern U.	0.8	2.1	1.0	(2.5)	(3.9)	(6.6)	3.7	(2.8)	(3.0)	(5.3)
Texas Tech U.	(0.5)	(1.8)	(0.7)	(2.6)	(2.3)	(5.3)	3.2	(1.2)	(1.8)	(7.0)
Texas Woman's U.	1.7	0.6	1.0	(1.2)	(3.5)	(2.9)	4.6	(2.4)	(6.5)	(8.8)
The U. of Texas:										
Arlington	(2.7)	2.2	(0.6)	(3.4)	(4.0)	(4.3)	6.3	(2.5)	0.8	(6.1)
Austin	0.1	(1.0)	(1.9)	(2.5)	(5.4)	(5.4)	6.1	(2.0)	(3.2)	(6.0)
El Paso	0.6	2.6	(1.5)	(0.6)	(5.5)	(5.8)	6.9	(2.3)	1.6	(0.4)
U. of Houston	(0.3)	1.0	(1.1)	(0.8)	(5.3)	(6.5)	3.0	(1.9)	(3.2)	(7.6)
Texas A & I U.	0.6	1.3	0.6	(0.3)	(5.3)	(2.9)	6.8	(1.2)	(7.1)	(6.1)
West Texas St. U.	1.1	0.6	(3.0)	2.0	(5.0)	(5.7)	7.0	0.9	(4.7)	(6.0)

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.
(3) The CPI for Houston is applied to the cost index for Texas Southern University and the University of Houston. The CPI for Dallas-Fort Worth is applied to the cost index for the University of Texas, Arlington. The CPI for all urban consumers, nationwide, is applied to the cost indexes for all other institutions.

TABLE 10. SPENDING ON TRAVEL IN CURRENT DOLLARS

(Thousands of Dollars)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979(1)
Angelo St. U.	18	19	20	22	23	25	35	38	34	44	36
East Texas St. U.	101	133	137	163	177	219	265	238	185	304	267
Lamar U.	42	45	48	32	61	69	87	118	110	161	148
Midwestern St. U.	28	36	33	38	39	29	41	59	58	70	68
North Texas St. U.	109	110	116	130	142	211	242	248	290	365	395
Pan American U.	26	27	41	47	64	68	84	95	95	120	129
Sam Houston St. U.	95	65	77	76	87	77	118	165	162	169	170
Southwest Texas St. U.	42	54	65	78	86	100	123	144	162	168	220
Stephen F. Austin St. U.	32	42	60	67	69	82	138	157	167	182	207
Sul Ross St. U.	15	23	12	9	12	5	47	84	64	43	55
Prairie View A & M U.	37	45	45	49	51	53	74	102	103	88	105
Tarleton St. U.	14	18	18	20	20	29	40	48	56	68	62
Texas A & M U.	157	215	264	280	302	397	440	555	626	883	819
Texas Southern U.	27	27	27	37	27	39	39	65	76	102	95
Texas Tech U.	172	217	203	233	320	390	448	475	454	566	512
Texas Woman's U.	34	44	79	82	101	129	168	179	186	283	250
The U. of Texas:											
Arlington	56	66	71	84	113	110	131	178	210	264	246
Austin	303	311	311	310	322	387	563	541	487	488	509
El Paso	73	83	96	95	104	57	57	66	92	113	122
U. of Houston	173	202	228	228	268	292	344	406	460	533	395
Texas A & I U.	35	45	56	74	99	77	139	194	154	152	139
West Texas St. U.	84	53	56	60	69	86	96	111	106	107	124
Total	1,637	1,880	2,063	2,214	2,556	2,931	3,719	4,266	4,337	5,273	5,073

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 11. PERCENT CHANGE IN SPENDING ON TRAVEL IN CURRENT DOLLARS

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	5.6	5.3	10.0	4.5	8.7	40.0	8.6	(10.5)	29.4	(18.2)
East Texas St. U.	31.7	3.0	19.0	8.6	23.7	21.0	(10.2)	(22.3)	64.3	(12.2)
Lamar U.	7.1	6.7	(33.3)	90.6	13.1	26.1	35.6	(6.8)	46.4	(8.1)
Midwestern St. U.	28.6	(8.3)	15.2	2.6	(25.6)	41.4	43.9	(1.7)	20.7	(2.9)
North Texas St. U.	0.9	5.5	12.1	9.2	48.6	14.7	2.5	16.9	25.9	8.2
Pan American U.	3.9	51.9	14.6	36.2	6.3	23.5	13.1	0	26.3	7.5
Sam Houston St. U.	(31.6)	18.5	(1.3)	14.5	(11.5)	53.2	39.8	(1.8)	4.3	0.6
Southwest Texas St. U.	28.6	20.4	20.0	10.3	16.3	23.0	17.1	12.5	3.7	31.0
Stephen F. Austin St. U.	31.3	42.9	11.7	3.0	18.8	68.3	13.8	6.4	9.0	13.7
Sul Ross St. U.	53.3	(47.8)	(25.0)	33.3	(58.3)	840.0	78.7	(23.8)	(32.8)	27.9
Prairie View A & M U.	21.6	0	8.9	4.1	3.9	39.6	37.8	1.0	(14.6)	19.3
Tarleton St. U.	28.6	0	11.1	0	45.0	37.9	20.0	16.7	21.4	(8.8)
Texas A & M U.	36.9	22.8	6.1	7.9	31.5	10.8	26.1	12.8	41.1	(7.3)
Texas Southern U.	0	0	37.0	(27.0)	44.4	0	66.7	16.9	34.2	(6.9)
Texas Tech U.	26.2	(6.5)	14.8	37.3	21.9	14.9	6.0	(4.4)	24.7	(9.5)
Texas Woman's U.	29.4	79.5	3.8	23.2	27.7	30.2	6.5	3.9	52.2	(11.7)
The U. of Texas:										
Arlington	17.9	7.6	18.3	34.5	(2.7)	19.1	35.9	18.0	25.7	(6.8)
Austin	2.6	0	(0.3)	3.9	20.2	45.5	(3.9)	(10.0)	0.2	4.3
El Paso	13.7	15.7	(1.0)	9.5	(45.2)	0	15.8	39.4	22.8	8.0
U. of Houston	16.8	12.9	0	17.5	9.0	17.8	18.0	13.3	15.9	(25.9)
Texas A & I U.	28.6	24.4	32.1	33.8	(22.2)	80.5	39.6	(20.6)	(1.3)	(8.6)
West Texas St. U.	10.4	5.7	7.1	15.0	24.6	11.6	15.6	(4.5)	0.9	15.9
Total	14.8	9.7	7.3	15.5	14.7	26.9	14.7	1.7	21.6	(3.8)

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 12. SPENDING ON TRAVEL IN CONSTANT DOLLARS

(Thousands of Dollars)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	19798
Angelo St. U.	18	17	17	18	18	19	25	25	21	26	20
East Texas St. U.	101	122	117	133	140	166	191	157	115	180	150
Lamar U.	42	41	41	26	48	52	63	78	69	95	83
Midwestern St. U.	28	33	28	31	31	22	30	39	36	41	38
North Texas St. U.	109	101	99	106	112	160	175	163	181	216	222
Pan American U.	26	25	35	38	51	52	61	62	59	71	72
Sam Houston St. U.	95	60	66	62	69	59	85	109	101	100	96
Southwest Texas St. U.	42	50	55	64	58	76	89	95	101	100	124
Stephen F. Austin St. U.	32	39	51	55	55	62	100	103	104	108	116
Sul Ross St. U.	15	21	10	7	9	4	34	55	40	25	31
Prairie View A & M U.	37	41	38	40	40	40	53	67	64	52	59
Tarleton St. U.	14	17	15	16	16	22	29	32	35	40	35
Texas A & M U.	157	198	225	228	239	302	318	365	390	523	460
Texas Southern U.	27	25	23	30	21	30	28	43	47	60	53
Texas Tech U.	172	199	173	190	253	296	324	312	283	335	288
Texas Woman's U.	34	40	67	67	8080	98	121	118	116	168	140
The U. of Texas:											
Arlington	56	61	60	68	89	84	95	117	131	156	138
Austin	303	286	265	252	254	294	407	356	303	289	286
El Paso	73	76	82	77	82	43	41	43	57	67	69
U. of Houston	173	186	194	186	212	222	248	267	287	316	222
Texas A & I U.	35	41	48	60	78	59	100	128	96	90	78
West Texas St. U.	48	49	48	49	55	65	69	73	66	63	70
Total	1,637	1,728	1,754	1,801	2,022	2,227	2,685	2,805	2,702	3,124	2,850

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 13. PERCENT CHANGE IN SPENDING ON TRAVEL IN CONSTANT DOLLARS

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	(3.0)	(2.6)	5.3	1.7	4.4	33.0	(1.1)	(15.2)	23.0	(22.4)
East Texas St. U.	21.0	(4.7)	13.8	5.6	18.8	15.0	(18.2)	(26.3)	56.2	(16.7)
Lamar U.	(1.5)	(1.3)	(36.2)	85.3	8.6	19.8	23.5	(11.7)	39.2	(12.8)
Midwestern St. U.	18.2	(15.2)	10.2	(0.2)	(28.6)	34.3	31.0	(6.8)	14.8	(7.9)
North Texas St. U.	(7.3)	(2.4)	7.2	6.2	42.7	9.0	(6.7)	10.8	19.7	2.6
Pan American U.	(4.6)	40.5	9.7	32.4	2.1	17.4	3.0	(5.2)	20.1	1.9
Sam Houston St. U.	(37.1)	9.6	(5.6)	11.3	(15.0)	45.6	27.3	(7.0)	(0.8)	(4.6)
Southwest Texas St. U.	18.2	11.4	14.8	7.2	11.7	16.9	6.6	6.6	(1.4)	24.2
Stephen F. Austin St. U.	20.6	32.2	6.9	0.1	14.1	59.9	3.6	0.8	3.6	7.9
Sul Ross St. U.	40.9	(51.7)	(28.2)	29.6	(60.0)	793.2	62.7	(27.8)	(36.1)	21.3
Prairie View A & M U.	11.8	(7.5)	4.2	1.2	(0.2)	32.7	25.5	(4.3)	(18.8)	13.2
Tarleton St. U.	18.2	(7.5)	6.3	(2.8)	39.3	31.1	9.3	10.6	15.5	(13.5)
Texas A & M U.	25.9	13.6	1.5	4.9	26.3	5.3	14.9	6.9	34.1	(12.0)
Texas Southern U.	(8.1)	(7.5)	31.1	(29.0)	38.7	(5.0)	51.8	10.8	27.6	(11.7)
Texas Tech U.	16.0	(13.5)	9.8	33.5	17.1	9.1	(3.5)	(9.4)	18.5	(14.2)
Texas Woman's U.	18.9	66.1	(0.7)	19.8	22.7	23.7	(3.0)]	(1.5)	44.7	(16.2)
The U. of Texas:										
Arlington	8.3	(0.5)	13.2	30.8	(6.5)	13.2	23.7	11.8	19.5	(11.6)
Austin	(5.7)	(7.5)	(4.6)	1.0	15.4	38.2	(12.5)	(14.7)	(4.7)	(1.1)
El Paso	4.5	7.0	(5.3)	6.4	(47.4)	(5.0)	5.4	32.1	16.8	2.4
U. of Houston	7.3	4.4	(4.3)	14.3	4.7	11.9	7.5	7.4	10.2	(29.7)
Texas A & I U.	18.2	15.1	26.4	30.1	(25.3)	71.5	27.1	(24.8)	(6.2)	(13.3)
West Texas St. U.	1.5	(2.3)	2.5	11.8	19.7	6.1	5.3	(9.5)	(4.0)	9.9
Total	5.6	1.5	2.7	12.3	10.1	20.6	4.5	(3.7)	15.6	(8.8)

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 14. PRICE INDEX FOR TRAVEL

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Travel	100.0	108.8	117.6	122.9	126.4	131.6	138.5	152.1	160.5	168.8	178.0
% Change	(X)	8.8	8.1	4.5	2.8	4.1	5.3	9.9	5.5	5.2	5.5
Food away from home (CPI)	100.0	107.5	113.7	118.6	124.9	140.8	155.7	167.0	178.7	193.9	214.8
% Change	(X)	7.5	5.8	4.3	5.3	12.8	10.6	7.3	7.0	8.5	10.8
Residential Rent (CPI)	100.0	103.9	108.7	112.8	117.2	122.9	129.3	136.1	144.0	153.4	164.3
% Change	(X)	3.9	4.6	3.8	3.9	4.8	5.2	5.3	5.7	6.6	7.1
Public Transportation (CPI)	100.0	111.5	123.0	129.0	131.3	133.3	138.3	156.0	163.7	169.5	174.8
% Change	(X)	11.5	10.4	4.9	1.8	1.5	3.7	12.8	5.0	3.6	3.1

Notes:

(1) Reference base: 1969=100.
(2) Averages over September 1 - August 31 fiscal years.

TABLE 15. CAPITAL OUTLAYS IN CURRENT DOLLARS

(Thousands of Dollars)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	19798
Angelo St. U.	156	156	148	63	83	91	116	116	173	168	117
East Texas St. U.	412	608	1,146	444	196	285	676	333	522	353	225
Lamar U.	473	412	440	477	422	289	303	449	360	362	259
Midwestern St. U.	171	140	111	155	151	389	156	575	86	144	62
North Texas St. U.	1,084	860	1,055	853	845	1,086	3,024	2,153	617	520	633
Pan American U.	40	74	200	198	180	64	336	102	85	243	399
Sam Houston St. U.	566	84	262	548	316	210	547	1,799	685	290	150
Southwest Texas St. U.	296	424	442	475	643	788	689	946	1,058	1,055	912
Stephen F. Austin St. U.	256	297	299	449	443	860	984	1,605	369	808	301
Sul Ross St. U.	438	672	408	347	709	320	140	188	70	81	125
Prairie View A & M U.	173	133	282	63	125	236	17	208	83	93	12
Tarleton St. U.	156	217	176	135	35	153	161	184	119	120	93
Texas A & M U.	1,800	2,013	1,964	1,589	1,395	2,347	2,565	3,672	2,693	2,812	1,915
Texas Southern U.	55	43	41	41	38	369	229	423	123	297	167
Texas Tech U.	1,088	1,681	892	1,296	1,156	1,638	2,316	2,260	958	816	538
Texas Woman's U.	291	316	332	277	354	411	623	1,292	601	559	304
The U. of Texas:											
Arlington	903	613	699	439	498	705	626	865	345	499	467
Austin	1,674	1,859	1,244	1,100	2,277	2,531	3,097	3,573	1,633	2,173	961
El Paso	666	339	471	514	392	548	553	493	315	356	448
U. of Houston	851	929	844	887	828	1,100	590	777	1,012	590	676
Texas A & I U.	279	409	420	615	778	622	520	821	278	331	168
West Texas St. U.	411	579	366	309	224	471	399	1,228	231	246	107
Total	12,239	12,858	12,242	11,274	12,088	15,533	18,667	24,063	12,416	12,817	9,039

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 16. PERCENT CHANGE IN CAPITAL OUTLAYS IN CURRENT DOLLARS

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	0	(5.1)	57.5)	31.7	9.6	27.5	0	49.1	(2.9)	(30.4)
East Texas St. U.	47.6	88.5	(61.3)	(55.9)	45.4	137.2	(50.7)	56.8	(32.4)	(36.3)
Lamar U.	(12.9)	6.8	8.4	(11.5)	(31.5)	4.8	48.2	(19.8)	0.6	(28.5)
Midwestern St. U.	(18.1)	(20.7)	39.6	(2.6)	157.6	(59.9)	268.6	(85.0)	67.4	(56.9)
North Texas St. U.	(20.7)	22.7	(19.1)	(0.9)	28.5	178.5	(28.8)	(71.3)	(15.7)	21.7
Pan American U.	85.0	170.3	(1.0)	(9.1)	(64.6)	425.0	(69.6)	(16.7)	185.9	64.2
Sam Houston St. U.	(85.2)	211.9	109.2	(42.3)	(33.5)	160.5	228.9	(61.9)	(57.7)	(48.3)
Southwest Texas St. U.	43.2	4.2	7.5	35.4	22.6	(12.6)	37.3	11.8	(0.3)	(13.6)
Stephen F. Austin St. U.	16.0	0.7	50.2	(1.3)	94.1	14.4	63.1	(77.0)	119.0	(62.7)
Sul Ross St. U.	53.4	(39.3)	(15.0)	104.3	(54.9)	(56.2)	34.3	(62.8)	15.7	54.3
Prairie View A & M U.	(23.1)	112.0	(77.7)	98.4	88.8	(92.8)	1123.5	(60.1)	12.0	(87.1)
Tarleton St. U.	39.1	(18.9)	(23.3)	(74.1)	337.1	5.2	14.3	(35.3)	0.8	(22.5)
Texas A & M U.	11.8	(2.4)	(119.1)	(12.2)	68.2	9.3	43.2	(26.7)	4.4	(31.9)
Texas Southern U.	(21.8)	(4.7)	0	(7.3)	871.1	(37.9)	84.7	(70.9)	141.5	(43.8)
Texas Tech U.	54.5	(46.9)	45.3	(10.8)	43.4	39.7	(2.4)	(57.6)	(14.8)	(34.1)
Texas Woman's U.	8.6	5.1	(16.6)	27.8	16.1	51.6	107.4	(53.5)	(7.0)	(45.6)
The U. of Texas:										
Arlington	(32.1)	14.0	(37.2)	13.4	41.6	(11.2)	38.3	(60.2)	15.9	16.7
Austin	11.1	(33.1)	(11.6)	107.0	11.2	22.4	15.4	(54.3)	33.1	(55.8)
El Paso	(49.1)	38.9	9.1	(23.7)	39.8	0.9	(10.8)	(36.1)	13.0	25.8
U. of Houston	9.2	(9.1)	5.1	(6.7)	32.9	(46.4)	31.7	30.2	(41.7)	14.6
Texas A & I U.	46.6	2.7	46.4	26.5	(20.1)	(16.4)	57.9	(66.1)	19.1	(49.2)
West Texas St. U.	40.9	(36.8)	(15.6)	(27.5)	110.3	(15.3)	207.8	(81.2)	6.5	(56.5)
Total	5.1	(4.8)	(7.9)	7.2	28.5	20.2	28.9	(48.4)	3.2	(29.5)

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 17. CAPITAL OUTLAYS IN CONSTANT DOLLARS

(Thousands of Dollars)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979[1]
Angelo St. U.	156	151	139	58	75	78	87	83	119	110	71
East Texas St. U.	412	590	1,078	410	178	244	506	239	360	230	137
Lamar U.	473	400	414	440	383	247	227	322	248	236	158
Midwestern St. U.	171	136	104	143	137	333	117	412	59	94	38
North Texas St. U.	1,084	834	992	788	766	930	2,263	1,542	426	339	386
Pan American U.	40	72	188	183	163	55	252	73	59	159	244
Sam Houston St. U.	566	81	246	506	286	180	409	1,289	473	189	92
Southwest Texas St. U.	296	411	416	439	583	674	516	678	730	689	557
Stephen F. Austin St. U.	256	288	281	415	402	736	737	1,150	255	527	184
Sul Ross St. U.	438	652	384	320	643	274	105	135	48	53	76
Prairie View A & M U.	173	129	265	58	113	202	13	149	57	61	7
Tarleton St. U.	156	211	166	125	32	131	121	132	82	78	57
Texas A & M U.	1,800	1,952	1,848	1,467	1,265	2,009	1,920	2,630	1,859	1,836	1,169
Texas Southern U.	55	42	39	38	35	316	171	303	85	194	102
Texas Tech U.	1,088	1,630	839	1,197	1,048	1,420	1,734	1,619	661	533	328
Texas Woman's U.	291	307	312	256	321	352	466	926	415	365	186
The U. of Texas:											
Arlington	903	595	658	405	452	604	469	620	238	261	285
Austin	1,674	1,803	1,170	1,016	2,064	2,167	2,318	2,559	1,127	1,418	587
El Paso	666	329	443	475	355	469	414	353	217	232	274
U. of Houston	851	901	794	819	751	942	442	557	698	385	413
Texas A & I U.	279	397	395	568	705	533	389	588	192	216	103
West Texas St. U.	411	562	344	285	203	403	299	880	159	161	65
Total	12,239	12,471	11,516	10,410	10,959	13,299	13,972	17,237	8,569	8,366	5,518

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 18. PERCENT CHANGE IN CAPITAL OUTLAYS IN CONSTANT DOLLARS

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	(3.0)	(8.0)	(58.2)	29.4	3.5	11.4	(4.3)	43.7	(8.2)	(34.9)
East Texas St. U.	43.1	82.8	(62.0)	(56.7)	37.3	107.4	(52.9)	51.0	(36.0)	(40.4)
Lamar U.	(15.5)	3.6	6.4	(13.1)	(35.3)	(8.3)	41.8	(22.8)	(4.9)	(33.1)
Midwestern St. U.	(20.6)	(23.1)	37.1	(4.3)	143.3	(64.9)	252.7	(85.6)	58.4	(59.7)
North Texas St. U.	(23.0)	19.0	(20.6)	(2.7)	21.4	143.4	(31.9)	(72.4)	(20.3)	13.9
Pan American U.	79.4	162.1	(2.8)	(10.7)	(66.4)	359.0	(70.9	(19.7)	170.4	53.6
Sam Houston St. U.	(85.6)	202.5	105.3	(43.4)	(37.2)	127.7	214.7	(63.3)	(60.0)	(51.6)
Southwest Texas St. U.	38.9	1.1	5.5	32.9	15.7	(23.6)	31.4	7.7	(5.7)	(19.1)
Stephen F. Austin St. U.	12.5	2.4	47.4	(3.1)	83.3	0	56.1	(77.9)	107.1	(65.2)
Sul Ross St. U.	48.8	(41.1)	(16.5)	100.6	(57.4	(61.8)	28.5	(64.1)	9.4	44.3
Prairie View A & M U.	(25.0)	106.0	(78.0)	95.0	78.0	(94.0)	107.10	(62.0)	6.0	(88.0)
Tarleton St. U.	35.0	(21.3)	(24.7)	(74.5)	312.8	(8.0)	9.4	(37.7)	(4.6)	(27.5)
Texas A & M U.	8.5	(5.4)	(20.6)	(13.8)	58.9	(4.5)	37.0	(29.3)	(1.2)	(36.3)
Texas Southern U.	(24.2)	(7.5)	(1.8)	(9.0)	81.70	(45.7)	76.8	(72.0)	128.4	47.4
Texas Tech U.	49.9	(48.5)	42.6	(12.4)	35.4	22.1	(6.6)	(59.2)	(19.4)	(38.3)
Texas Woman's U.	5.3	1.9	(18.1)	25.5	9.6	32.5	98.5	(55.2)	(12.0)	(49.1)
The U. of Texas:										
Arlington	(34.2)	10.6	(38.4)	11.4	33.7	(22.4)	32.4	(61.6)	9.7	9.2
Austin	7.7	(35.1)	(13.2)	103.2	5.0	7.0	10.4	(56.0)	25.9	(58.6)
El Paso	(50.6)	34.8	7.1	(25.1)	32.0	(11.8)	(14.7)	(38.4)	6.9	17.7
U. of Houston	5.9	(11.9)	3.2	(8.3)	25.5	(53.1)	26.0	25.5	(44.9)	7.2
Texas A & I U.	42.2	(0.4)	43.7	24.2	(24.5)	(26.9)	51.1	(67.4)	12.6	(52.5)
West Texas St. U.	36.6	(38.7)	(17.1)	(28.8)	98.6	(25.9)	194.5	(81.9)	0.7	(59.3)
Total	1.9	(7.7)	(9.6)	5.3	21.3	5.1	23.4	(50.3)	(2.4)	(34.0)

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 19. PRICE INDEX FOR CAPITAL OUTLAYS

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Capital Outlays	100.0	103.1	106.3	108.3	110.3	116.8	133.6	139.6	144.9	153.2	163.8
% Change	(X)	3.1	3.1	1.8	1.9	5.9	14.4	4.5	3.7	5.8	6.9
Machinery & Equipment (WPI)	100.0	104.3	108.8	111.3	114.1	123.8	149.0	159.5	169.0	181.4	197.1
% Change	(X)	4.3	4.3	2.3	2.5	8.5	20.4	7.0	5.9	7.4	8.6
Office & Store Machine (WPI)	100.0	101.9	103.9	105.3	106.5	109.8	118.1	119.8	120.7	125.0	130.5
% Change	(X)	1.9	1.9	1.3	1.2	3.1	7.6	1.4	0.8	3.5	4.4

Notes:

(1) Reference base 1969=100.
(2) Averages over September 1-August 31 fiscal years.

TABLE 20. SPENDING ON BOOKS, UTILITIES AND ALL OTHER ITEMS IN CURRENT DOLLARS

(Thousands of Dollars)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	838	638	527	624	674	803	1,042	1,129	1,280	1,384	1,494
East Texas St. U.	1,456	1,468	1,528	1,941	2,137	2,568	2,388	3,232	3,564	3,875	3,227
Lamar U.	973	994	1,824	1,314	1,213	1,884	2,336	3,137	3,640	3,802	3,636
Midwestern St. U.	525	558	472	498	500	542	746	846	1,017	1,949	1,268
North Texas St. U.	1,492	1,911	2,194	1,983	1,618	1,981	3,487	4,837	5,960	6,415	7,230
Pan American U.	637	968	857	1,089	1,198	1,768	1,791	2,717	2,710	2,989	3,841
Sam Houston St. U.	916	1,954	1,743	1,498	1,631	2,085	1,712	2,182	2,866	3,316	2,564
Southwest Texas St. U.	1,052	1,590	1,178	1,522	1,414	1,659	2,784	2,844	3,090	3,479	4,147
Stephen F. Austin St. U.	863	1,052	1,573	1,234	1,369	1,628	1,988	2,424	2,964	3,508	3,654
Sul Ross St. U.	377	436	445	482	520	571	672	911	1,002	1,216	1,261
Prairie View A & M U.	893	940	1,543	1,438	2,401	1,983	3,120	2,819	3,186	2,852	3,545
Tarleton St. U.	381	385	732	621	628	817	1,137	1,175	1,204	1,445	1,598
Texas A & M U.	4,166	5,065	5,416	5,950	6,891	9,003	1,072	14,664	18,041	20,647	23,820
Texas Southern U.	926	963	879	955	1,433	2,222	2,142	2,656	2,480	2,993	3,107
Texas Tech U.	2,764	3,942	5,187	6,102	4,486	5,211	6,795	8,897	9,385	10,146	11,315
Texas Woman's U.	770	1,138	986	1,281	1,352	1,851	2,279	2,877	3,634	4,618	5,681
The U. of Texas:											
Arlington	1,294	1,295	1,476	1,498	1,685	2,271	2,617	3,340	4,730	5,117	6,179
Austin	6,567	8,998	11,472	13,103	10,483	12,103	17,385	21,643	25,948	28,753	31,181
El Paso	1,022	1,563	1,939	1,841	1,840	2,854	2,878	3,497	4,483	4,732	5,524
U. of Houston	2,664	3,587	3,911	3,938	4,673	7,290	10,720	12,033	13,672	15,546	22,128
Texas A & I U.	813	810	957	998	1,528	1,785	1,912	1,900	2,189	2,131	2,579
West Texas St. U.	819	800	1,454	1,002	1,076	1,377	1,666	1,955	2,420	2,517	2,815
Total	32,208	41,055	48,293	50,912	50,750	67,256	82,669	101,715	119,466	133,430	151,794

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.
(3) Exclusive of spending or OASI matching, employee insurance premiums, workman's compensation as well as construction, repairs and land acquisition.

TABLE 21. PERCENT CHANGE IN SPENDING ON BOOKS, UTILITIES AND ALL OTHER ITEMS IN CURRENT DOLLARS

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	19798
Angelo St. U.	(23.9)	(17.4)	18.4	8.0	19.1	29.8	8.3	13.4	8.1	7.9
East Texas St. U.	0.8	4.1	27.0	10.1	20.2	(7.0)	35.3	10.3	8.7	(16.7)
Lamar U.	2.2	83.5	(28.0)	(7.7)	55.3	24.0	34.3	16.0	4.5	(4.4)
Midwestern St. U.	6.3	(15.4)	5.5	0.4	8.4	37.6	13.4	20.2	91.6	(34.9)
North Texas St. U.	28.1	14.8	(9.6)	(18.4)	22.4	76.0	38.7	23.2	7.6	12.7
Pan American U.	52.0	(11.5)	27.1	10.0	47.6	1.3	51.7	(0.3)	10.3	28.5
Sam Houston St. U.	113.3	(10.8)	(14.[illegible])	8.9	211.8	(66.3)	27.5	31.3	15.7	(22.7)
Southwest Texas St. U.	51.1	(25.9)	25.2	(7.1)	17.3	67.8	2.2	8.6	12.6	19.2
Stephen F. Austin St. U.	21.9	49.5	(21.6)	10.9	18.9	22.1	21.9	22.3	18.4	4.2
Sul Ross St. U.	15.7	2.1	8.3	7.9	9.8	17.7	35.6	10.0	21.4	3.7
Prairie View A & M U.	5.3	64.1	(6.8)	67.0	(17.4)	57.3	(9.6)	13.0	(10.5)	24.3
Tarleton St. U.	1.0	90.1	(15.2)	1.1	30.1	39.2	3.3	2.5	20.0	10.6
Texas A & M U.	21.6	6.9	9.9	15.8	30.7	23.0	32.4	23.0	14.4	15.4
Texas Southern U.	4.0	(8.7)	8.7	50.1	55.1	(3.6)	24.0	(6.6)	20.7	3.8
Texas Tech U.	42.6	31.6	17.6	(26.5)	16.2	30.4	30.9	5.5	8.1	11.5
Texas Woman's U.	47.8	(13.4)	29.9	5.5	36.9	23.1	26.2	26.3	27.1	23.0
The U. of Texas:										
Arlington	0.8	14.0	1.5	12.5	34.8	15.2	27.6	41.6	8.2	20.8
Austin	37.0	27.5	14.2	(20.0)	15.5	43.6	24.5	19.9	10.8	8.4
El Paso	52.9	24.1	(5.1)	(0.1)	55.1	0.8	21.5	28.2	5.6	16.7
U. of Houston	34.7	9.0	0.7	18.7	56.0	47.1	12.3	13.6	13.7	42.3
Texas A & I U.	(0.4)	18.2	4.3	53.1	16.8	7.1	(0.6)	15.2	(2.7)	21.0
West Texas St. U.	(2.3)	81.7	(31.1)	7.4	28.0	21.0	17.3	23.8	4.0	11.8
Total	27.5	17.6	5.4	(0.3)	32.5	22.9	23.0	17.5	11.7	13.8

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.
(3) Exclusive of spending on OASI matching, employee insurance premiums, workman's compensation as well as construction repairs and land acquisition.

TABLE 22. SPENDING ON BOOKS, UTILITIES AND ALL OTHER ITEMS IN CONSTANT DOLLARS

(Thousands of Dollars)

Institution	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	19798
Angelo St. U.	838	614	471	525	541	579	646	652	680	683	682
East Texas St. U.	1,456	1,412	1,367	1,634	1,714	1,853	1,481	1,865	1,893	1,912	1,472
Lamar U.	973	956	1,631	1,106	973	1,359	1,449	1,810	1,933	1,876	1,659
Midwestern St. U.	525	537	422	419	401	391	463	488	540	962	579
North Texas St. U.	1,492	1,837	1,962	1,669	1,298	1,429	2,163	2,791	3,165	3,165	3,298
Pan American U.	637	931	767	917	961	1,276	1,111	1,568	1,439	1,475	1,752
Sam Houston St. U.	916	1,879	1,559	1,261	1,308	3,669	1,062	1,259	1,522	1,636	1,170
Southwest Texas St. U.	1,052	1,529	1,054	1,281	1,134	1,197	1,727	1,641	1,641	1,716	1,892
Stephen F. Austin St. U.	863	1,012	1,407	1,039	1,098	1,175	1,233	1,399	1,574	1,731	1,667
Sul Ross St. U.	377	419	398	406	417	412	417	526	532	600	575
Prairie View A & M U.	893	904	1,380	1,210	1,925	1,431	1,935	1,627	1,692	1,407	1,617
Tarleton St. U.	381	370	655	523	504	590	705	678	639	713	729
Texas A & M U.	4,166	4,870	4,844	5,008	5,526	6,496	6,868	8,462	9,581	10,186	10,867
Texas Southern U.	926	926	786	804	1,149	1,603	1,329	1,533	1,317	1,477	1,417
Texas Tech U.	2,764	3,790	4,640	5,136	3,597	3,760	4,215	5,134	4,985	5,005	5,162
Texas Woman's U.	770	1,094	882	1,078	1,084	1,335	1,414	1,660	1,930	2,278	2,592
The U. of Texas:											
Arlington	1,294	1,245	1,320	1,261	1,351	1,639	1,623	1,927	2,512	2,524	2,819
Austin	6,567	8,652	10,261	11,029	8,407	8,732	10,785	12,489	13,780	14,185	14,225
El Paso	1,022	1,503	1,734	1,550	1,476	2,059	1,785	2,018	2,381	2,334	2,520
U. of Houston	2,664	3,449	3,498	3,315	3,747	5,260	6,650	6,943	7,261	7,669	10,095
Texas A & I U.	813	779	856	840	1,225	1,288	1,186	1,096	1,163	1,051	1,177
West Texas St. U.	819	769	1,301	843	863	994	1,033	1,128	1,285	1,242	1,284
Total	32,208	39,476	43,196	42,855	40,698	48,525	51,283	58,693	63,445	65,826	69,249

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.
(3) Exclusive of spending on OASI matching, employee insurance premiums, workman's compensation as well as construction, repairs and land acquisition.

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TABLE 23. PERCENT CHANGE IN SPENDING ON BOOKS, UTILITIES AND ALL OTHER ITEMS IN CONSTANT DOLLARS

(%)

Institution	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979B
Angelo St. U.	(26.8)	(23.2)	11.4	2.9	7.2	11.6	0.8	4.3	0.4	(0.2)
East Texas St. U.	(3.1)	(3.2)	19.5	4.9	8.1	(20.0)	25.9	1.5	1.0	(23.0)
Lamar U.	(1.8)	70.7	(32.2)	(12.1)	39.7	6.6	24.9	6.8	(3.0)	(11.6)
Midwestern St. U.	2.2	(21.3)	(0.7)	(4.3)	(2.5)	(18.3)	5.5	10.6	78.0	(39.8)
North Texas St. U.	23.2	6.8	(14.9)	(22.3)	10.2	51.3	29.0	13.4	0	4.2
Pan American U.	46.1	(17.6)	19.6	4.8	32.8	(12.9)	41.1	(8.2)	2.5	8.8
Sam Houston St. U.	105.1	(17.0)	(19.1)	3.7	180.5	(71.1)	18.6	20.9	7.5	(28.5)
Southwest Texas St. U.	45.3	(31.1)	21.6	(11.5)	5.6	44.3	(5.0)	0	4.6	10.2
Stephen F. Austin St. U.	17.2	39.1	(26.2)	5.7	7.0	5.0	13.4	12.5	9.9	(3.7)
Sul Ross St. U.	11.2	(5.1)	1.9	2.8	(1.2)	1.2	26.1	1.2	12.7	(4.1)
Prairie View A & M U.	1.2	52.7	(12.3)	59.1	(25.7)	35.3	(16.0)	4.0	(16.8)	14.9
Tarleton St. U.	(2.8)	76.9	(20.2)	(3.7)	17.0	19.7	(3.9)	(5.7)	11.5	2.3
Texas A & M U.	16.9	(0.5)	3.4	10.3	17.6	5.7	23.2	13.2	6.3	6.7
Texas Southern U.	0	(15.1)	2.2	43.0	39.5	(17.1)	15.3	(14.1)	12.1	(4.0)
Texas Tech U.	37.1	22.4	10.7	(30.0)	4.5	12.1	21.8	(2.9)	0.4	3.1
Texas Woman's U.	42.1	(19.4)	22.3	0.5	23.2	5.9	17.4	16.3	18.0	13.8
The U. of Texas:										
Arlington	(3.8)	6.0	(4.5)	7.2	21.2	(0.9)	18.7	30.3	0.5	11.7
Austin	31.7	18.6	7.5	(23.8)	3.9	23.5	15.8	10.3	2.9	0.3
El Paso	47.1	15.4	(10.6)	(4.8)	39.6	(13.3)	13.0	18.0	(1.9)	7.9
U. of Houston	29.5	1.4	(5.2)	13.1	40.4	26.4	4.4	4.6	5.6	31.6
Texas A & I U.	(4.2)	9.9	(1.9)	45.9	5.1	(7.9)	(7.6)	6.0	(9.6)	11.9
West Texas St. U.	(6.1)	69.1	(35.1)	2.3	15.1	4.0	9.2	13.9	(3.4)	3.4
Total	22.6	9.4	(0.8)	(5.0)	19.2	5.7	14.5	8.1	3.8	5.2

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.
(3) Exclusive of spending on OASI matching, employee insurance premiums, workman's compensation as well as construction, repairs and land acquisition.

TABLE 24. PRICE INDEX FOR BOOKS, UTILITIES AND ALL OTHER ITEMS

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Books, Utilities & All Other Items	100.0	104.0	111.8	118.8	124.7	138.6	161.2	173.3	188.3	202.7	219.2
% Change	(X)	4.0	7.5	6.3	5.0	11.1	16.4	7.5	8.7	7.7	8.1
Books & Periodicals	100.0	110.2	132.1	149.5	161.5	178.5	200.3	229.8	244.3	261.4	288.6
% Change	(X)	10.2	19.9	13.1	8.1	10.3	12.4	14.7	6.3	7.0	10.4
Hardcover Books	100.0	111.4	137.7	156.4	162.4	168.5	194.6	223.6	237.6	249.0	277.6
% Change	(X)	11.4	23.6	13.6	3.8	3.8	15.5	14.9	6.2	4.8	11.5
Periodicals	100.0	107.6	120.3	134.7	152.9	187.2	204.6	230.6	247.8	267.3	296.8
% Change	(X)	7.6	11.8	12.0	13.5	22.4	9.3	12.7	7.5	7.9	11.0
Foreign Monographs	100.0	110.2	132.1	149.5	172.7	189.4	206.3	244.0	254.2	285.8	302.5
% Change	(X)	10.2	19.9	13.1	15.5	9.7	8.9	18.3	4.2	12.4	5.8
Utilities	100.0	102.1	112.8	120.5	127.0	155.8	199.7	215.6	254.0	287.9	315.7
% Change	(X)	2.1	10.5	6.8	5.4	22.7	28.2	8.0	17.8	13.3	9.7
Data Processing & Equipment Rental	100.0	100.9	101.9	106.2	110.9	113.3	118.3	125.2	128.4	132.0	137.4
% Change	(X)	0.9	1.0	4.2	4.4	2.2	4.4	5.9	2.5	2.8	4.1
Communication	100.0	100.9	104.4	113.4	116.7	121.8	127.7	135.7	143.0	144.8	150.0
% Change	(X)	1.0	3.5	8.6	2.9	4.4	4.8	6.3	5.3	1.3	3.6
Printing & Duplication	100.0	105.0	110.2	116.5	121.6	129.0	147.2	150.7	160.8	172.4	186.7
% Change	(X)	5.0	5.0	5.7	4.4	6.1	14.1	2.4	6.7	7.2	8.3
Miscellaneous Services	100.0	106.2	113.3	119.5	126.0	134.0	145.1	154.7	165.8	179.6	193.2
% Change	(X)	6.2	6.7	5.5	5.4	6.3	8.3	6.7	7.1	8.3	7.6
Supplies & Materials	100.0	102.7	106.5	108.7	112.3	127.0	158.5	165.8	174.3	181.8	195.7
% Change	(X)	2.7	3.7	2.1	3.3	13.2	24.8	4.6	5.1	4.3	7.7
All Other Items	100.0	103.5	108.0	113.0	117.7	126.8	143.5	151.5	160.0	168.4	179.9
% Change	(X)	3.5	4.4	4.7	4.2	7.7	13.2	5.6	5.6	5.3	6.8

Notes:

(1) Reference base 1969=100.0
(2) Source: Higher Education Prices and Price Indexes, D. Kent Halstead.
(3) Averages over July 1 - June 30 fiscal years.

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TABLE 25. SPENDING ON BOOKS IN CURRENT DOLLARS

Institution	Thousands of Dollars			Percent Change	
	1977	1978	1979B	1978	1979B
Angelo St. U.	241	221	221	(8.3)	0
East Texas St. U.	412	420	450	4.4	4.7
Lamar U.	484	523	366	8.1	(30.0)
Midwestern St. U.	150	304	193	102.7	(36.5)
North Texas St. U.	522	684	598	31.0	(12.6)
Pan American U.	312	341	479	9.3	40.5
Sam Houston St. U.	383	398	399	3.9	0.3
Southwest Texas St. U.	0	0	0	0	0
Stephen F. Austin St. U.	396	389	333	(1.8)	(14.4)
Sul Ross St. U.	130	154	173	18.5	12.3
Prairie View A & M U.	295	111	125	(62.4)	12.6
Tarleton St. U.	125	186	221	48.8	18.8
Texas A & M U.	1,201	1,275	1,625	6.2	27.5
Texas Southern U.	161	483	323	200.0	(32.1)
Texas Tech U.	1,007	607	963	(39.7)	58.6
Texas Woman's U.	332	443	373	33.4	(15.8)
The U. of Texas:					
Arlington	554	627	601	13.2	(4.2)
Austin	4,144	3,800	2,561	(8.3)	(32.6)
El Paso	376	348	394	(7.5)	13.2
U. of Houston	1,255	1,423	1,025	13.4	(28.0)
Texas A & I U.	272	257	250	(5.5)	(2.7)
West Texas St. U.	387	182	171	(53.0)	(6.0)
Total	13,139	13,186	11,844	0.4	(10.2)

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 26. SPENDING ON BOOKS IN CONSTANT DOLLARS

Institution	Thousands of Dollars			Percent Change	
	1977	1978	1979B	1978	1979B
Angelo St. U.	99	85	77	(14.3)	(9.4)
East Texas St. U.	169	165	156	(2.5)	(5.2)
Lamar U.	198	200	127	1.0	(36.6)
Midwestern St. U.	61	116	67	89.4	(42.5)
North Texas St. U.	214	262	207	22.5	(20.8)
Pan American U.	128	131	166	2.2	27.2
Sam Houston St. U.	157	152	138	(2.9)	(9.2)
Southwest Texas St. U.	0	0	0	0	0
Stephen F. Austin St. U.	162	149	115	(8.2)	(22.5)
Sul Ross St. U.	53	59	60	10.7	1.8
Prairie View A & M U.	121	43	43	(64.8)	2.0
Tarleton St. U.	51	71	77	39.1	7.6
Texas A & M U.	492	488	563	(0.8)	15.4
Texas Southern U.	66	185	112	180.4	(39.4)
Texas Tech U.	412	232	334	(43.7)	43.7
Texas Woman's U.	136	170	129	24.7	(23.7)
The U. of Texas:					
Arlington	227	240	208	5.8	(13.2)
Austin	1,696	1,454	887	(14.3)	(39.0)
El Paso	154	133	137	(13.5)	2.5
U. of Houston	514	544	355	6.0	(34.8)
Texas A & I U.	111	98	87	(11.7)	(11.9)
West Texas St. U.	158	70	59	(56.0)	(14.9)
Total	5,376	5,044	4,031	(6.2)	(20.1)

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 27. SPENDING ON UTILITIES IN CURRENT DOLLARS

Institution	Thousands of Dollars			Percent Change	
	1977	1978	1979B	1978	1979B
Angelo St. U.	554	569	581	2.7	2.1
East Texas St. U.	1,153	1,291	1,125	12.0	(12.9)
Lamar U.	1,113	1,288	1,270	15.7	(1.4)
Midwestern St. U.	311	529	311	70.1	(41.2)
North Texas St. U.	2,153	2,033	2,604	(5.6)	28.1
Pan American U.	1,441	1,555	2,333	7.9	50.0
Sam Houston St. U.	1,078	1,472	780	36.5	(47.0)
Southwest Texas St. U.	1,755	1,772	2,453	1.0	38.4
Stephen F. Austin St. U.	1,384	1,741	1,798	25.8	3.3
Sul Ross St. U.	353	446	403	26.4	(9.6)
Prairie View A & M U.	1,174	1,231	1,573	4.9	27.8
Tarleton St. U.	280	417	637	48.9	52.8
Texas A & M U.	8,090	9,204	10,522	13.8	14.3
Texas Southern U.	1,057	1,324	1,263	25.3	(4.6)
Texas Tech U.	3,645	4,196	5,204	15.1	24.0
Texas Woman's U.	1,510	1,607	2,842	6.4	76.9
The U. of Texas:					
Arlington	1,360	1,911	2,745	40.5	43.6
Austin	12,353	14,230	15,674	15.2	10.2
El Paso	2,539	2,462	3,063	(3.0)	24.4
U. of Houston	4,859	5,874	12,529	20.9	113.3
Texas A & I U.	938	817	1,182	(12.0)	44.7
West Texas St. U.	841	990	1,227	17.7	23.9
Total	49,931	56,959	72,119	14.1	26.6

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 28. SPENDING ON UTILITIES IN CONSTANT DOLLARS

Institution	Thousands of Dollars			Percent Change	
	1977	1978	1979B	1978	1979B
Angelo St. U.	218	198	184	(9.4)	(6.9)
East Texas St. U.	454	448	356	(1.2)	(20.5)
Lamar U.	438	447	402	2.1	(10.1)
Midwestern St. U.	122	184	99	50.1	(46.4)
North Texas St. U.	848	706	825	(16.7)	16.8
Pan American U.	567	540	739	(4.8)	36.8
Sam Houston St. U.	424	511	247	20.5	(51.7)
Southwest Texas St. U.	691	616	777	(10.9)	26.2
Stephen F. Austin St. U.	545	605	570	11.0	(5.8)
Sul Ross St. U.	139	155	218	11.5	(17.6)
Prairie View A & M U.	462	428	498	(7.5)	16.5
Tarleton St. U.	110	144	202	31.4	39.3
Texas A & M U.	3,185	3,197	3,333	0.4	4.3
Texas Southern U.	416	460	400	10.5	(13.0)
Texas Tech U.	1,435	1,457	1,648	1.6	13.1
Texas Woman's U.	595	558	900	(6.1)	61.3
The U. of Texas:					
Arlington	535	664	870	24.0	31.0
Austin	4,863	4,943	4,965	1.6	0.4
El Paso	1,000	855	970	(14.5)	13.5
U. of Houston	1,913	2,040	3,969	6.7	94.5
Texas A & I U.	365	284	374	(22.3)	31.9
West Texas St. U.	331	344	389	3.9	13.0
Total	19,658	19,784	22,844	0.6	15.5

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.

TABLE 29. SPENDING ON ALL OTHER ITEMS IN CURRENT DOLLARS

Institution	Thousands of Dollars			Percent Change	
	1977	1978	1979B	1978	1979B
Angelo St. U.	485	594	692	22.5	16.5
East Texas St. U.	1,999	2,154	1,652	7.8	(23.3)
Lamar U.	2,043	1,991	2,000	(2.6)	0.5
Midwestern St. U.	556	1,116	764	100.7	(31.5)
North Texas St. U.	3,285	3,698	4,028	12.6	8.9
Pan American U.	957	1,093	1,029	14.2	(5.9)
Sam Houston St. U.	1,405	1,446	1,385	2.9	(4.2)
Southwest Texas St. U.	1,335	1,707	1,694	27.9	(0.8)
Stephen F. Austin St. U.	1,184	1,378	1,523	16.4	10.5
Sul Ross St. U.	519	616	685	18.7	11.2
Prairie View A & M U.	1,717	1,510	1,847	(12.1)	22.3
Tarleton St. U.	799	842	740	6.6	(13.1)
Texas A & M U.	8,750	10,168	11,673	16.2	14.8
Texas Southern U.	1,262	1,186	1,521	(6.0)	28.3
Texas Tech U.	4,734	5,343	5,148	12.9	(3.7)
Texas Woman's U.	1,792	2,568	2,466	43.3	(4.0)
The U. of Texas:					
Arlington	2,816	2,578	2,833	(8.5)	9.9
Austin	9,451	10,723	12,946	13.5	20.7
El Paso	1,568	1,922	2,067	22.6	7.5
U. of Houston	7,558	8,249	8,574	9.1	3.9
Texas A & I U.	979	1,057	1,147	8.0	8.5
West Texas St. U.	1,192	1,345	1,417	12.8	5.4
Total	56,386	63,294	67,831	12.3	7.2

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.
(3) Exclusive of spending or OASI matching, employee insurance premiums, workman's compensation as well as construction, repairs and land acquisition.

TABLE 30. SPENDING ON ALL OTHER ITEMS IN CONSTANT DOLLARS

Institution	Thousands of Dollars			Percent Change	
	1977	1978	1979B	1978	1979B
Angelo St. U.	303	353	385	16.4	9.1
East Texas St. U.	1,249	1,279	918	2.4	(28.2)
Lamar U.	1,277	1,182	1,112	(7.4)	(6.0)
Midwestern St. U.	348	663	425	90.7	(35.9)
North Texas St. U.	2,053	2,196	2,239	7.0	2.0
Pan American U.	598	649	572	8.5	(11.9)
Sam Houston St. U.	878	859	770	(2.2)	(10.3)
Southwest Texas St. U.	834	1,014	942	21.5	(7.1)
Stephen F. Austin St. U.	740	818	847	10.5	3.5
Sul Ross St. U.	324	366	381	12.8	4.1
Prairie View A & M U.	1,073	897	1,027	(16.4)	14.5
Tarleton St. U.	499	506	411	1.3	(18.7)
Texas A & M U.	5,469	6,038	6,489	10.4	7.5
Texas Southern U.	789	704	846	(10.7)	20.0
Texas Tech U.	2,959	3,173	2,862	7.2	(9.8)
Texas Woman's U.	1,120	1,525	1,371	36.2	(10.1)
The U. of Texas:					
Arlington	1,760	1,531	1,575	(13.0)	2.9
Austin	5,907	6,368	7,196	7.8	13.0
El Paso	980	1,141	1,149	16.5	0.7
U. of Houston	4,724	4,898	4,766	3.7	(2.7)
Texas A & I U.	612	628	638	2.6	1.6
West Texas St. U.	745	799	788	7.2	(1.4)
Total	35,241	37,586	37,705	6.7	0.3

Notes:

(1) Data for 1979 reflect budgeted levels.
(2) Figures for University of Houston limited to Central Campus.
(3) Exclusive of spending on OASI matching, employee insurance premiums, workman's compensation as well as construction, repairs and land acquisition.

METHODOLOGY

The Texas Higher Education Price Index is derived by utilizing the general procedures employed in calculating the Implicit GNP Price Deflator. The term "index" is used for convenience in this report; however, strictly speaking, the measure is constructed as a deflator. This approach initially involves designing various fixed-weighted indexes using measures such as Consumer Price Indexes, Wholesale Price Indexes or derived indexes to quantify the average rate of price increases for specific categories of goods and services.

The study is organized around four expenditure categories: (1) faculty salaries, (2) travel, (3) capital outlays and (4) books, utilities and all other items. Available data includes spending by category at twenty-two senior public institutions of higher education in Texas over the 1969-1979 period. Where feasible, estimates of the effect of inflation on a given category of spending at individual institutions are provided.

A fixed-weighted Laspeyres price index for spending on faculty salaries is derived for each of the twenty-two institutions. These indexes are calculated from nine-month data on average salaries over four ranks (Professor, Associate Professor, Assistant Professor and Instructor) as well as from figures on the number of FTE faculty in each rank. The reference base, utilized throughout this study, is 1969. The weight base adopted in the price indexes for faculty salaries is 1978. It is assumed that such weights would adequately reflect the "mix" in academic ranks which has prevailed over the past decade. In sum, a unique price index with unique quantity weights is constructed for each institution.

A single fixed-weighted price index for travel is derived for all twenty-two institutions. Various components of the Consumer Price Index for All Urban Consumers are used in the construction of this index: (1) food away from home (weight of 15.38 percent), (2) public transportation (weight of 56.84 percent), and (3) residential rent

(weight of 27.77 percent). These weights are arbitrary, and it is likely that more refined data might provide a better indication of the rate of increase in transport and lodging expenses. However, this approach probably is sufficient, given the very small impact of travel expenditures on total spending in higher education.

A single fixed-weighted price index for capital outlays is computed for all twenty-two institutions. This index is based on the Wholesale Price Index for Machinery and Equipment and the Wholesale Price Index for Office and Store Machines. Each of these WPI components is subjectively assigned a weight of 50 percent. Added detail would improve this index conceptually; however, potential problems in the underlying expenditure data probably would mitigate much of the actual gain. Institutional expenditures on equipment include a wide range of commodities. The composition of this spending varies significantly from year to year. It is assumed that such spending involves relatively small pieces of equipment which are easily movable, which do not result from a new construction program, and which are purchased with funds for current operations. However, likely variations in accounting procedures suggest that some capital investment in large items, which ordinarily would be financed with plant funds, has been included in current operations. Again, the approach taken here is probably sufficient given that capital outlays represent a small percentage of total spending.

A single fixed-weighted price index for books, utilities and all other items is presented for all twenty-two institutions. Lacking detailed information on the composition of spending in these categories, it is sensible to follow the approach taken in the Halstead study. One advantage of this solution is the availability of excellent figures on the prices of books. One disadvantage is that this study is based on September-August fiscal years while Halstead's work reflects July-June fiscal years. However, the two-month discrepancy should exert only a slight influence on the final result. A weight base of 1971-1972 and a reference base of 1967 is adopted in the Halstead study. However, for use here the reference base is shifted so that 1969=100. Halstead calculates a price index for books which is based on (1) a price index

for hardcover books (weight of 55 percent), (2) a price index for periodicals (weight of 30 percent) and (3) a price index for foreign monographs (weight of 15 percent). A price index for utilities is developed by Halstead using (a) the WPI for natural gas (weight of 20 percent), (b) the WPI for residual fuels (weight of 10 percent), (c) the WPI for commercial and electrical power (weight of 60 percent) and (d) the CPI for water and sewerage services (weight of 10 percent).

The index for all other items is based on various subindexes in the Halstead report with the weights adjusted to sum to 1.0. This index includes (1) data processing and equipment rental (weight of 13.86 percent), (2) communications (weight of 14.85 percent), (3) printing and duplication (weight of 4.95 percent), and (5) supplies and materials (weight of 34.65 percent), and (6) miscellaneous services (weight of 31.68 percent). An overall fixed-weighted index for books, utilities and all other items is obtained by utilizing the subindex for books (weight of 20.3 percent), the subindex for utilities (weight of 11.5 percent) and the subindex for all other items (weight of 68.2 percent). Note that the price index for all other items excludes (a) employee insurance premiums, (b) workman's compensation, (c) construction, repairs and land acquisition, and (d) OASI matching funds. In sum, single fixed-weighted price indexes are derived for travel, capital outlays as well as books, utilities and all other items.

The fixed-weighted price indexes then are utilized to deflate spending at each of the twenty-two institutions in the following categories: (1) faculty salaries, (2) travel, (3) capital outlays and (4) books, utilities and all other items. Therefore, such spending is expressed in constant dollars (with inflation removed) as well as in current dollars (with inflation present). Price deflators for each of the five categories listed above and for total spending are obtained by dividing current-dollar expenditures by the corresponding level of constant-dollar expenditures. The overall price deflator reflects the general effect of inflation on senior public colleges and universities in Texas.